

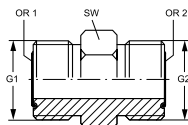


Adapters

ORFS Adapters		Caps	
Straight	328	BSP external thread	620
Angle 45°	349	BSP internal threads	623
Angle 90°	357	BSP nut thread	625
T shaped	366	BSPT conical external threads	628
L shaped	372	Metric external thread	629
Cross-shaped	380	Metric nut threads	631
JIC Adapters		NPT external threads	632
Straight	382	NPT hexagon socket outer threads	633
Angle 45°	425	NPT internal threads	634
Angle 90°	440	ORFS external threads	635
T shaped	463	ORFS nut threads	636
L shaped	476	UNF external threads	637
Cross-shaped	484	UNF hexagon external threads	639
JIS Adapters		UNF inner thread	640
Straight	485	UNF nut threads	641
Angle 45°	491	Banjos	
Angle 90°	492	Imperial ring eye	642
SAE Adapters		Metric banjos	643
Straight	496	For washing equipment	
Angle 90°	498	For washing equipment	645
Metric Adapters		WEO plug-in	
Straight	501	Sockets	647
Angle 90°	504	Connectors	654
BSP Adapters		Socket connector	656
Straight	507	Caps	657
Angle 45°	540	WEO spare parts	659
Angle 90°	556	Individual parts	
T shaped	574	Hollow screws	662
L shaped	584	Counter nuts	666
Cross-shaped	590	Union nuts	669
NPT Adapters			
Straight	593		
Angle 45°	603		
Angle 90°	607		
T shaped	613		
L shaped	617		
Cross-shaped	619		

G HJOF

Connection sockets



Connection 1: ORFS external threads
Sealing form 1: flat seal with O-ring
Connection 2: ORFS external threads
Sealing form 2: flat seal with O-ring
Design: Connection sockets
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm	OR1	OR2
G HJOF 04	9/16"-18 UNF	9/16"-18 UNF	16	7.65 x 1.78	7.65 x 1.78
G HJOF 04 HJOF 06	9/16"-18 UNF	11/16"-16 UN	19	7.65 x 1.78	9.25 x 1.78
G HJOF 06	11/16"-16 UN	11/16"-16 UN	19	9.25 x 1.78	9.25 x 1.78
G HJOF 06 HJOF 08	11/16"-16 UN	13/16"-16 UN	22	9.25 x 1.78	12.42 x 1.78
G HJOF 08	13/16"-16 UN	13/16"-16 UN	22	12.42 x 1.78	12.42 x 1.78
G HJOF 08 HJOF 10	13/16"-16 UN	1"-14 UNS	27	12.42 x 1.78	15.60 x 1.78
G HJOF 10	1"-14 UNS	1"-14 UNS	27	15.60 x 1.78	15.60 x 1.78
G HJOF 10 HJOF 12	1"-14 UNS	1.3/16"-12 UN	32	15.60 x 1.78	18.77 x 1.78
G HJOF 12	1.3/16"-12 UN	1.3/16"-12 UN	32	18.77 x 1.78	18.77 x 1.78
G HJOF 12 HJOF 16	1.3/16"-12 UN	1.7/16"-12 UN	41	18.77 x 1.78	23.52 x 1.78
G HJOF 16	1.7/16"-12 UN	1.7/16"-12 UN	38	23.52 x 1.78	23.52 x 1.78
G HJOF 16 HJOF 20	1.7/16"-12 UN	1.11/16"-12 UN	46	23.52 x 1.78	29.87 x 1.78
G HJOF 20	1.11/16"-12 UN	1.11/16"-12 UN	46	29.87 x 1.78	29.87 x 1.78
G HJOF 24	2"-12 UN	2"-12 UN	55	37.82 x 1.78	37.82 x 1.78
G HJOF 32	2.1/2"-12 UN	2.1/2"-12 UN	70	48.90 x 2.62	48.90 x 2.62

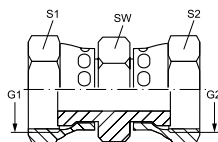
SW = Width across flats

Product versions:

G HJOF VA - Connection sockets, Stainless steel

G AJF**Connectors**

Connection 1: ORFS nut threads
Sealing form 1: flat sealing
Connection 2: ORFS nut threads
Sealing form 2: Flat seal
Design: Connectors
Construction: straight
Material: Steel
Surface: electro galvanised



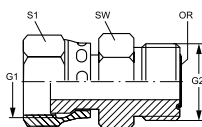
Identification	G1 + G2	SW mm	S1	S2
G AJF 04	9/16"-18 UNF	17	18	18
G AJF 06	11/16"-16 UN	19	21	21
G AJF 08	13/16"-16 UN	22	24	24
G AJF 10	1" -14 UNS	27	29	29
G AJF 12	1.3/16" -12 UN	32	35	35
G AJF 16	1.7/16" -12 UN	38	41	41
G AJF 20	1.11/16" -12 UN	46	48	48
G AJF 24	2" -12 UN	55	55	57

SW, S1, S2 = With across flats

3

G AJF HJOF

Connectors



Connection 1: ORFS nut threads
Sealing form 1: flat sealing
Connection 2: ORFS external threads
Sealing form 2: flat seal with O-ring
Design: Connectors
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm	S1	OR
G AJF 06 HJOF 04	11/16" -16 UN	9/16"-18 UNF	19	22	7.65 x 1.78
G AJF 08 HJOF 04	13/16" -16 UN	9/16"-18 UNF	16	24	7.65 x 1.78
G AJF 08 HJOF 06	13/16" -16 UN	11/16" -16 UN	22	24	9.25 x 1.78
G AJF 10 HJOF 04	1" -14 UNS	9/16"-18 UNF	16	30	7.65 x 1.78
G AJF 10 HJOF 06	1" -14 UNS	11/16" -16 UN	19	30	9.25 x 1.78
G AJF 10 HJOF 08	1" -14 UNS	13/16" -16 UN	22	30	12.42 x 1.78
G AJF 12 HJOF 04	1.3/16" -12 UN	9/16"-18 UNF	16	36	7.65 x 1.78
G AJF 12 HJOF 06	1.3/16" -12 UN	11/16" -16 UN	19	36	9.25 x 1.78
G AJF 12 HJOF 08	1.3/16" -12 UN	13/16" -16 UN	32	36	12.42 x 1.78
G AJF 12 HJOF 10	1.3/16" -12 UN	1" -14 UNS	32	36	15.60 x 1.78
G AJF 16 HJOF 08	1.7/16" -12 UN	13/16" -16 UN	22	41	12.42 x 1.78
G AJF 16 HJOF 10	1.7/16" -12 UN	1" -14 UNS	27	41	15.60 x 1.78
G AJF 16 HJOF 12	1.7/16" -12 UN	1.3/16" -12 UN	41	41	18.77 x 1.78
G AJF 20 HJOF 12	1.11/16" -12 UN	1.3/16" -12 UN	32	50	18.77 x 1.78
G AJF 20 HJOF 16	1.11/16" -12 UN	1.7/16" -12 UN	38	50	23.52 x 1.78
G AJF 24 HJOF 16	2" -12 UN	1.7/16" -12 UN	38	60	23.52 x 1.78
G AJF 24 HJOF 20	2" -12 UN	1.11/16" -12 UN	46	60	29.87 x 1.78

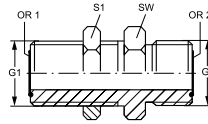
SW, S1, S2 = With across flats

Product versions:

G AJF HJOF VA - Connectors, Stainless steel

SV HJOF**Bulkhead fitting socket**

Connection 1: ORFS external threads
Sealing form 1: flat seal with O-ring
Connection 2: ORFS external threads
Sealing form 2: flat seal with O-ring
Design: Bulkhead fitting socket
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1 + G2	SW mm	S1	OR1 + OR2
SV HJOF 04	9/16"-18 UNF	22	22	7.66 x 1.78
SV HJOF 06	11/16" -16 UN	27	27	9.25 x 1.78
SV HJOF 08	13/16" -16 UN	30	30	12.42 x 1.78
SV HJOF 10	1" -14 UNS	36	36	15.60 x 1.78
SV HJOF 12	1.3/16" -12 UN	41	41	18.77 x 1.78
SV HJOF 16	1.7/16" -12 UN	46	46	23.52 x 1.78
SV HJOF 20	1.11/16" -12 UN	50	50	29.87 x 1.78
SV HJOF 24	2" -12 UN	60	60	37.82 x 1.78

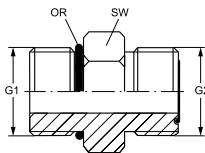
SW, S1, S2 = With across flats

Product versions:

SV HJOF VA - Bulkhead fitting socket, Stainless steel

GE O HJOF

Screw-in sockets



Connection 1: UN/UNF external threads
Sealing form 1: O-ring seal on screw-in socket
Connection 2: ORFS external threads
Sealing form 2: flat seal with O-ring
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm	OR1	OR2
GE O 04 HJOF	7/16"-20 UNF	9/16"-18 UNF	17	8.92 x 1.83	7.65 x 1.78
GE O 04 HJOF 06	7/16"-20 UNF	11/16"-16 UN	19	8.92 x 1.83	9.25 x 1.78
GE O 05 HJOF 04	1/2"-20 UNF	9/16"-18 UNF	19	10.52 x 1.83	7.65 x 1.78
GE O 05 HJOF 06	1/2"-20 UNF	11/16"-16 UN	19	10.52 x 1.83	9.25 x 1.78
GE O 06 HJOF 04	9/16"-18 UNF	9/16"-18 UNF	19	11.89 x 1.98	7.65 x 1.78
GE O 06 HJOF	9/16"-18 UNF	11/16"-16 UN	19	11.89 x 1.98	9.25 x 1.78
GE O 06 HJOF 08	9/16"-18 UNF	13/16"-16 UN	22	11.89 x 1.98	12.42 x 1.78
GE O 08 HJOF 04	3/4"-16 UNF	9/16"-18 UNF	22	16.36 x 2.21	7.65 x 1.78
GE O 08 HJOF 06	3/4"-16 UNF	11/16"-16 UN	22	16.36 x 2.21	9.25 x 1.78
GE O 08 HJOF	3/4"-16 UNF	13/16"-16 UN	22	16.36 x 2.21	12.42 x 1.78
GE O 08 HJOF 10	3/4"-16 UNF	1"-14 UNS	27	16.36 x 2.21	15.60 x 1.78
GE O 08 HJOF 12	3/4"-16 UNF	1.3/16"-12 UN	32	16.36 x 2.21	18.77 x 1.78
GE O 10 HJOF 06	7/8"-14 UNF	11/16"-16 UN	27	19.18 x 2.46	9.25 x 1.78
GE O 10 HJOF 08	7/8"-14 UNF	13/16"-16 UN	27	19.18 x 2.46	12.42 x 1.78
GE O 10 HJOF	7/8"-14 UNF	1"-14 UNS	27	19.18 x 2.46	15.60 x 1.78
GE O 10 HJOF 12	7/8"-14 UNF	1.3/16"-12 UN	32	19.18 x 2.46	18.77 x 1.78
GE O 12 HJOF 08	1.1/16"-12 UN	13/16"-16 UN	32	23.47 x 2.95	12.42 x 1.78
GE O 12 HJOF 10	1.1/16"-12 UN	1"-14 UNS	32	23.47 x 2.95	15.60 x 1.78
GE O 12 HJOF	1.1/16"-12 UN	1.3/16"-12 UN	32	23.47 x 2.95	18.77 x 1.78
GE O 12 HJOF 16	1.1/16"-12 UN	1.7/16"-12 UN	38	23.47 x 2.95	23.52 x 1.78
GE O 16 HJOF 12	1.5/16"-12 UN	1.3/16"-12 UN	38	29.74 x 2.95	18.77 x 1.78
GE O 16 HJOF	1.5/16"-12 UN	1.7/16"-12 UN	38	29.74 x 2.95	23.52 x 1.78
GE O 16 HJOF 20	1.5/16"-12 UN	1.11/16"-12 UN	46	29.74 x 2.95	29.87 x 1.78
GE O 20 HJOF 16	1.5/8"-12 UN	1.7/16"-12 UN	46	37.47 x 3.00	23.52 x 1.78
GE O 20 HJOF	1.5/8"-12 UN	1.11/16"-12 UN	46	37.47 x 3.00	29.87 x 1.78
GE O 20 HJOF 24	1.5/8"-12 UN	2"-12 UN	55	37.47 x 3.00	37.82 x 1.78
GE O 24 HJOF 20	1.7/8"-12 UN	1.11/16"-12 UN	54	43.69 x 3.00	29.87 x 1.78
GE O 24 HJOF	1.7/8"-12 UN	2"-12 UN	55	43.69 x 3.00	37.82 x 1.78
GE O 32 HJOF	2.1/2"-12 UN	2.1/2"-12 UN	70	59.36 x 3.00	48.90 x 2.62

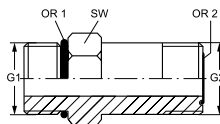
SW = Width across flats

Product versions:

GE O HJOF VA - Screw-in sockets, Stainless steel

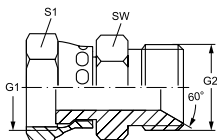
GE O L HJOF**Screw-in socket, long**

Connection 1: UN/UNF external threads
Sealing form 1: O-ring seal on screw-in socket
Connection 2: ORFS external threads
Sealing form 2: flat seal with O-ring
Design: Screw-in socket, long
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	OR1	OR2
GE O L 04 HJOF	7/16"-20 UNF	9/16"-18 UNF	16	8.92 x 1.83	7.65 x 1.78
GE O L 06 HJOF	9/16"-18 UNF	11/16"-16 UN	19	11.89 x 1.98	9.25 x 1.78
GE O L 08 HJOF	3/4"-16 UNF	13/16"-16 UN	22	16.36 x 2.21	12.42 x 1.78
GE O L 10 HJOF	7/8"-14 UNF	1"-14 UN	27	19.18 x 2.46	15.60 x 1.78
GE O L 12 HJOF	1.1/16" -12 UN	1.3/16" -12 UN	33	23.47 x 2.95	18.77 x 1.78
GE O L 16 HJOF	1.5/16" -12 UN	1.7/16" -12 UN	41	29.74 x 2.95	23.52 x 1.78
GE O L 20 HJOF	1.5/8" -12 UN	1.11/16" -12 UN	48	37.47 x 3.00	29.87 x 1.78
GE O L 24 HJOF	1.7/8" -12 UN	2" -12 UN	54	43.69 x 3.00	37.82 x 1.78

SW = Width across flats

G AJF HB**Connectors**

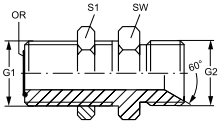
Connection 1: ORFS nut threads
Sealing form 1: flat sealing
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Connectors
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm	S1
G AJF 04 HB	9/16"-18 UNF	G 1/4" -19	19	17
G AJF 04 HB 06	9/16"-18 UNF	G 3/8" -19	22	17
G AJF 06 HB 04	11/16" -16 UN	G 1/4" -19	19	22
G AJF 06 HB	11/16" -16 UN	G 3/8" -19	22	22
G AJF 06 HB 08	11/16" -16 UN	G 1/2" -14	27	22
G AJF 08 HB 06	13/16" -16 UN	G 3/8" -19	22	24
G AJF 08 HB	13/16" -16 UN	G 1/2" -14	27	24
G AJF 10 HB 08	1" -14 UNS	G 1/2" -14	27	30
G AJF 10 HB	1" -14 UNS	G 5/8" -14	30	30
G AJF 10 HB 12	1" -14 UNS	G 3/4" -14	32	30
G AJF 12 HB	1.3/16" -12 UN	G 3/4" -14	32	36
G AJF 12 HB 16	1.3/16" -12 UN	G 1" -11	41	36
G AJF 16 HB 12	1.7/16" -12 UN	G 3/4" -14	32	41
G AJF 16 HB	1.7/16" -12 UN	G 1" -11	41	41
G AJF 16 HB 20	1.7/16" -12 UN	G 1.1/4" -11	50	41
G AJF 20 HB	1.11/16" -12 UN	G 1.1/4" -11	50	50
G AJF 24 HB	2" -12 UN	G 1.1/2" -11	55	60
SW, S1, S2 = With across flats				

SV HJOF HB

Bulkhead fitting socket

- Connection 1: ORFS external threads
- Sealing form 1: flat seal with O-ring
- Connection 2: BSP cylindrical external threads
- Sealing form 2: 60° inner cone
- Design: Bulkhead fitting socket
- Construction: straight
- Material: Steel
- Surface: electro galvanised



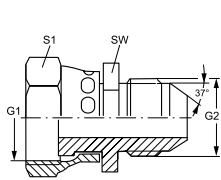
Identification	G1	G2	SW mm	S1	OR
SV HJOF 06 HB	11/16" -16 UN	G 3/8" -19	27	27	9.25 x 1.78
SV HJOF 08 HB	13/16" -16 UN	G 1/2" -14	27	30	12.42 x 1.78
SV HJOF 12 HB	1.3/16" -12 UN	G 3/4" -14	36	41	18.77 x 1.78
SV HJOF 16 HB	1.7/16" -12 UN	G 1" -11	41	46	23.52 x 1.78

SW, S1, S2 = With across flats

3

G AJF HJ

Connectors



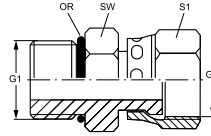
- Connection 1: ORFS nut threads
- Sealing form 1: flat sealing
- Connection 2: UN/UNF external threads
- Sealing form 2: 74° outer cone
- Design: Connectors
- Construction: straight
- Material: Steel
- Surface: electro galvanised

Identification	G1	G2	SW mm	S1
G AJF 04 HJ	9/16"-18 UNF	7/16"-20 UNF	17	19
G AJF 06 HJ	11/16"-16 UN	9/16"-18 UNF	19	22
G AJF 08 HJ	13/16"-16 UN	3/4"-16 UNF	22	24
G AJF 10 HJ	1" -14 UNS	7/8"-14 UNF	27	30
G AJF 12 HJ	1.3/16" -12 UN	1.1/16" -12 UN	32	36
G AJF 16 HJ	1.7/16" -12 UN	1.5/16" -12 UN	41	41

SW, S1, S2 = With across flats

GE HMO AJF**Screw-in sockets**

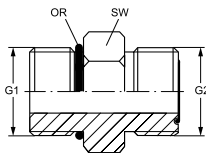
Connection 1: metric cylindrical outer thread
Sealing form 1: O-ring seal on screw-in socket
Connection 2: ORFS nut threads
Sealing form 2: Flat seal
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	S1	OR
GE HMO 12 AJF 04	M 12 x 1.5	9/16"-18 UNF	17	17	9.4 x 2.1
GE HMO 14 AJF 06	M 14 x 1.5	11/16"-16 UN	19	22	11.4 x 2.1
GE HMO 16 AJF 06	M 16 x 1.5	11/16"-16 UN	22	22	13.4 x 2.1
GE HMO 16 AJF 08	M 16 x 1.5	13/16"-16 UN	22	24	13.4 x 2.1
GE HMO 22 AJF 10	M 22 x 1.5	1" -14 UNS	27	30	19.4 x 2.1
GE HMO 27 AJF 10	M 27 x 2	1" -14 UNS	27	30	23.7 x 2.8
GE HMO 27 AJF 12	M 27 x 2	1.3/16"-12 UN	32	36	23.7 x 2.8
GE HMO 33 AJF 16	M 33 x 2	1.7/16"-12 UN	41	41	29.7 x 2.8
GE HMO 42 AJF 20	M 42 x 2	1.11/16"-12 UN	50	50	38.7 x 2.8
SW, S1, S2 = With across flats					

GE HMO HJOF

Screw-in sockets



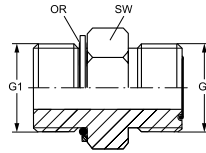
Connection 1: metric cylindrical outer thread
Sealing form 1: O-ring seal on screw-in socket
Connection 2: ORFS external threads
Sealing form 2: flat seal with O-ring
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm	OR1	OR2
GE HMO 10 HJOF 04	M 10 x 1	9/16"-18 UNF	17	8.2 x 1.5	7.65 x 1.78
GE HMO 12 HJOF 04	M 12 x 1.5	9/16"-18 UNF	17	9.4 x 2.1	7.65 x 1.78
GE HMO 14 HJOF 06	M 14 x 1.5	11/16"-16 UN	19	11.4 x 2.1	9.25 x 1.78
GE HMO 16 HJOF 06	M 16 x 1.5	11/16"-16 UN	22	13.4 x 2.1	9.25 x 1.78
GE HMO 18 HJOF 06	M 18 x 1.5	11/16"-16 UN	24	15.4 x 2.1	9.25 x 1.78
GE HMO 18 HJOF 08	M 18 x 1.5	13/16"-16 UN	24	15.4 x 2.1	12.42 x 1.78
GE HMO 18 HJOF 10	M 18 x 1.5	1"-14 UNS	27	15.4 x 2.1	23.52 x 1.78
GE HMO 22 HJOF 08	M 22 x 1.5	13/16"-16 UN	27	19.4 x 2.1	12.42 x 1.78
GE HMO 22 HJOF 10	M 22 x 1.5	1"-14 UNS	27	19.4 x 2.1	15.60 x 1.78
GE HMO 22 HJOF 12	M 22 x 1.5	1.3/16"-12 UN	32	19.4 x 2.1	18.77 x 1.78
GE HMO 27 HJOF 10	M 27 x 2	1"-14 UNS	32	23.7 x 2.8	15.60 x 1.78
GE HMO 27 HJOF 12	M 27 x 2	1.3/16"-12 UN	32	23.7 x 2.8	18.77 x 1.78
GE HMO 33 HJOF 12	M 33 x 2	1.3/16"-12 UN	41	29.7 x 2.8	18.77 x 1.78
GE HMO 33 HJOF 16	M 33 x 2	1.7/16"-12 UN	41	29.7 x 2.8	23.52 x 1.78
GE HMO 33 HJOF 20	M 33 x 2	1.11/16"-12 UN	46	29.7 x 2.8	29.87 x 1.78
GE HMO 42 HJOF 16	M 42 x 2	1.7/8"-12 UN	50	38.7 x 2.8	23.52 x 1.78
GE HMO 42 HJOF 20	M 42 x 2	1.11/16"-12 UN	50	38.7 x 2.8	29.87 x 1.78
GE HMO 48 HJOF 20	M 48 x 2	1.11/16"-12 UN	55	46.7 x 2.8	29.87 x 1.78
GE HMO 48 HJOF 24	M 48 x 2	2"-12 UN	55	46.7 x 2.8	37.82 x 1.78

SW = Width across flats

GE HMOK HJOF**Screw-in sockets**

Connection 1: metric cylindrical outer thread
Sealing form 1: Thread socket with O-ring + spacer
 diaphragm ring
Connection 2: ORFS external threads
Sealing form 2: flat seal with O-ring
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

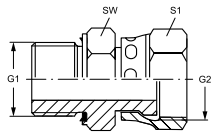


Identification	G1	G2	SW mm	OR1	OR2
GE HMOK 10 HJOF 04	M 10 x 1	9/16"-18 UNF	17	8.2 x 1.5	7.65 x 1.78
GE HMOK 12 HJOF 04	M 12 x 1.5	9/16"-18 UNF	17	9.4 x 2.1	7.65 x 1.78
GE HMOK 14 HJOF 04	M 14 x 1.5	9/16"-18 UNF	19	11.4 x 2.1	7.65 x 1.78
GE HMOK 14 HJOF 06	M 14 x 1.5	11/16"-16 UN	19	11.4 x 2.1	9.25 x 1.78
GE HMOK 16 HJOF 06	M 16 x 1.5	11/16"-16 UN	22	13.4 x 2.1	9.25 x 1.78
GE HMOK 18 HJOF 08	M 18 x 1.5	13/16"-16 UN	24	15.4 x 2.1	12.42 x 1.78
GE HMOK 22 HJOF 08	M 22 x 1.5	13/16"-16 UN	27	19.4 x 2.1	12.42 x 1.78
GE HMOK 22 HJOF 10	M 22 x 1.5	1" -14 UNS	27	19.4 x 2.1	15.60 x 1.78
GE HMOK 27 HJOF 10	M 27 x 2	1" -14 UNS	32	23.7 x 2.8	15.60 x 1.78
GE HMOK 27 HJOF 12	M 27 x 2	1.3/16" -12 UN	32	23.7 x 2.8	18.77 x 1.78
GE HMOK 33 HJOF 12	M 33 x 2	1.3/16" -12 UN	41	29.7 x 2.8	18.77 x 1.78
GE HMOK 33 HJOF 16	M 33 x 2	1.7/16" -12 UN	41	29.7 x 2.8	23.52 x 1.78
GE HMOK 33 HJOF 20	M 33 x 2	1.11/16" -12 UN	46	29.7 x 2.8	29.87 x 1.78
GE HMOK 42 HJOF 20	M 42 x 2	1.11/16" -12 UN	50	38.7 x 2.8	29.87 x 1.78
GE HMOK 48 HJOF 20	M 48 x 2	1.11/16" -12 UN	55	46.7 x 2.8	29.87 x 1.78
GE HMOK 48 HJOF 24	M 48 x 2	2" -12 UN	55	46.7 x 2.8	37.82 x 1.78

SW = Width across flats

GE HMED AJF

Screw-in sockets



- Connection 1: metric cylindrical outer thread
- Sealing form 1: Shape E
- Connection 2: UN/UNF nut threads
- Sealing form 2: Flat seal
- Design: Screw-in sockets
- Construction: straight
- Material: Steel
- Surface: electro galvanised

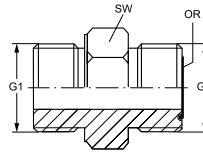
Identification	G1	G2	SW mm	S1
GE HMED 12 AJF 04	M 12 x 1.5	9/16"-18 UNF	17	17
GE HMED 14 AJF 06	M 14 x 1.5	11/16" -16 UN	19	22
GE HMED 16 AJF 08	M 16 x 1.5	13/16" -16 UN	22	24
GE HMED 22 AJF 10	M 22 x 1.5	1" -14 UNS	27	30
GE HMED 27 AJF 12	M 27 x 2	1.3/16" -12 UN	32	36
GE HMED 33 AJF 16	M 33 x 2	1.7/16" -12 UN	41	41
GE HMED 42 AJF 20	M 42 x 2	1.11/16" -12 UN	50	50

SW, S1, S2 = With across flats

Spare parts:
WD - Soft seal for ED fittings

GE M HJOF**Screw-in sockets**

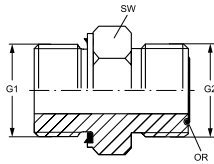
Connection 1: metric cylindrical outer thread
Sealing form 1: Shape A
Connection 2: ORFS external threads
Sealing form 2: flat seal with O-ring
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	OR
GE M12 HJOF 04	M 12 x 1.5	9/16"-18 UNF	17	7.65 x 1.78
GE M16 HJOF 06	M 16 x 1.5	11/16"-16 UN	22	9.25 x 1.78
GE M27 HJOF 12	M 27 x 2	1.3/16"-12 UN	32	18.77 x 1.78
SW = Width across flats				

GE HMED HJOF

Screw-in sockets



Connection 1: metric cylindrical outer thread
Sealing form 1: Shape E
Connection 2: ORFS external threads
Sealing form 2: flat seal with O-ring
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

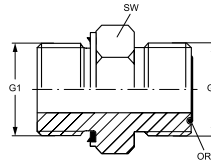
Identification	G1	G2	SW mm	OR
GE HMED 10 HJOF 04	M 10 x 1	9/16"-18 UNF	17	7.65 x 1.78
GE HMED 12 HJOF 06	M 12 x 1.5	11/16"-16 UN	19	9.25 x 1.78
GE HMED 14 HJOF 06	M 14 x 1.5	11/16"-16 UN	19	9.25 x 1.78
GE HMED 18 HJOF 08	M 18 x 1.5	13/16"-16 UN	24	12.42 x 1.78
GE HMED 22 HJOF 10	M 22 x 1.5	1" -14 UNS	27	15.60 x 1.78
GE HMED 27 HJOF 12	M 27 x 2	1.3/16"-12 UN	32	18.77 x 1.78
GE HMED 33 HJOF 16	M 33 x 2	1.7/16"-12 UN	41	23.52 x 1.78
GE HMED 42 HJOF 20	M 42 x 2	1.11/16"-12 UN	50	29.87 x 1.78
SW = Width across flats				

Spare parts:

WD - Soft seal for ED fittings

GE HRED HJOF**Screw-in sockets**

Connection 1: BSP external thread, cylindrical
Sealing form 1: Shape E
Connection 2: ORFS external threads
Sealing form 2: flat seal with O-ring
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised



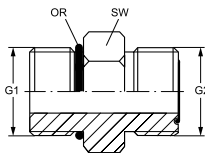
Identification	G1	G2	SW mm	OR
GE HRED 02 HJOF 04	G 1/8" -28	9/16"-18 UNF	17	7.65 x 1.78
GE HRED 02 HJOF 06	G 1/8" -28	11/16" -16 UN	19	9.25 x 1.78
GE HRED 04 HJOF	G 1/4" -19	9/16"-18 UNF	19	7.65 x 1.78
GE HRED 04 HJOF 06	G 1/4" -19	11/16" -16 UN	19	9.25 x 1.78
GE HRED 04 HJOF 08	G 1/4" -19	13/16" -16 UN	22	12.42 x 1.78
GE HRED 06 HJOF 04	G 3/8" -19	9/16"-18 UNF	22	7.65 x 1.78
GE HRED 06 HJOF	G 3/8" -19	11/16" -16 UN	22	9.25 x 1.78
GE HRED 06 HJOF 08	G 3/8" -19	13/16" -16 UN	22	12.42 x 1.78
GE HRED 06 HJOF 10	G 3/8" -19	1" -14 UNS	27	15.60 x 1.78
GE HRED 08 HJOF 04	G 1/2" -14	9/16"-18 UNF	27	7.65 x 1.78
GE HRED 08 HJOF 06	G 1/2" -14	11/16" -16 UN	27	9.25 x 1.78
GE HRED 08 HJOF	G 1/2" -14	13/16" -16 UN	27	12.42 x 1.78
GE HRED 08 HJOF 10	G 1/2" -14	1" -14 UNS	27	15.60 x 1.78
GE HRED 08 HJOF 12	G 1/2" -14	1.3/16" -12 UN	32	18.77 x 1.78
GE HRED 12 HJOF 06	G 3/4" -14	11/16" -16 UN	32	9.25 x 1.78
GE HRED 12 HJOF 08	G 3/4" -14	13/16" -16 UN	32	12.42 x 1.78
GE HRED 12 HJOF 10	G 3/4" -14	1" -14 UNS	32	15.60 x 1.78
GE HRED 12 HJOF	G 3/4" -14	1.3/16" -12 UN	32	18.77 x 1.78
GE HRED 12 HJOF 16	G 3/4" -14	1.7/16" -12 UN	41	23.52 x 1.78
GE HRED 16 HJOF 10	G 1" -11	1" -14 UNS	41	15.60 x 1.78
GE HRED 16 HJOF 12	G 1" -11	1.3/16" -12 UN	41	18.77 x 1.78
GE HRED 16 HJOF	G 1" -11	1.7/16" -12 UN	41	23.52 x 1.78
GE HRED 16 HJOF 20	G 1" -11	1.11/16" -12 UN	46	29.87 x 1.78
GE HRED 20 HJOF 16	G 1.1/4" -11	1.7/16" -12 UN	50	23.52 x 1.78
GE HRED 20 HJOF	G 1.1/4" -11	1.11/16" -12 UN	50	29.87 x 1.78
GE HRED 24 HJOF 16	G 1.1/2" -11	1.7/16" -12 UN	55	23.52 x 1.78
GE HRED 24 HJOF 20	G 1.1/2" -11	1.11/16" -12 UN	55	29.87 x 1.78
GE HRED 24 HJOF	G 1.1/2" -11	2" -12 UN	55	37.82 x 1.78

SW = Width across flats

Product versions:**GE HRED HJOF VA** - Screw-in sockets, Stainless steel**Spare parts:****WD** - Soft seal for ED fittings

GE HRO HJOF

Screw-in sockets



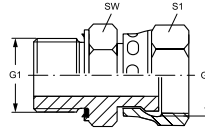
Connection 1: BSP external thread, cylindrical form G
Sealing form 1: ORFS external threads
Connection 2: flat seal with O-ring
Sealing form 2: Screw-in sockets
Design: straight
Construction: Steel
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm	OR1	OR2
GE HRO 02 HJOF 04	G 1/8" -28	9/16"-18 UNF	16	7.65 x 1.78	7.65 x 1.78
GE HRO 02 HJOF 06	G 1/8" -28	11/16"-16 UN	20	7.65 x 1.78	9.25 x 1.78
GE HRO 04 HJOF	G 1/4" -19	9/16"-18 UNF	20	10.77 x 2.62	7.65 x 1.78
GE HRO 04 HJOF 06	G 1/4" -19	11/16"-16 UN	20	10.77 x 2.62	9.25 x 1.78
GE HRO 04 HJOF 08	G 1/4" -19	13/16"-16 UN	24	10.77 x 2.62	12.42 x 1.78
GE HRO 06 HJOF 04	G 3/8" -19	9/16"-18 UNF	24	13.94 x 2.62	7.65 x 1.78
GE HRO 06 HJOF	G 3/8" -19	11/16"-16 UN	24	13.94 x 2.62	9.25 x 1.78
GE HRO 06 HJOF 08	G 3/8" -19	13/16"-16 UN	24	13.94 x 2.62	12.42 x 1.78
GE HRO 06 HJOF 10	G 3/8" -19	1"-14 UNS	28	13.94 x 2.62	15.60 x 1.78
GE HRO 08 HJOF 04	G 1/2" -14	9/16"-18 UNF	28	17.86 x 2.62	7.65 x 1.78
GE HRO 08 HJOF 06	G 1/2" -14	11/16"-16 UN	28	17.86 x 2.62	9.25 x 1.78
GE HRO 08 HJOF	G 1/2" -14	13/16"-16 UN	28	17.86 x 2.62	12.42 x 1.78
GE HRO 08 HJOF 10	G 1/2" -14	1"-14 UNS	28	17.86 x 2.62	15.60 x 1.78
GE HRO 08 HJOF 12	G 1/2" -14	1.3/16"-12 UN	35	17.86 x 2.62	18.77 x 1.78
GE HRO 12 HJOF 06	G 3/4" -14	11/16"-16 UN	35	23.47 x 2.62	9.25 x 1.78
GE HRO 12 HJOF 08	G 3/4" -14	13/16"-16 UN	35	23.47 x 2.62	12.42 x 1.78
GE HRO 12 HJOF 10	G 3/4" -14	1"-14 UNS	35	23.47 x 2.62	15.60 x 1.78
GE HRO 12 HJOF	G 3/4" -14	1.3/16"-12 UN	35	23.47 x 2.62	18.77 x 1.78
GE HRO 12 HJOF 16	G 3/4" -14	1.7/16"-12 UN	43	23.47 x 2.62	23.52 x 1.78
GE HRO 16 HJOF 12	G 1" -11	1.3/16"-12 UN	43	29.75 x 3.53	18.77 x 1.78
GE HRO 16 HJOF	G 1" -11	1.7/16"-12 UN	43	29.75 x 3.53	23.52 x 1.78
GE HRO 16 HJOF 20	G 1" -11	1.11/16"-12 UN	45	29.75 x 3.53	29.87 x 1.78
GE HRO 20 HJOF 12	G 1.1/4" -11	1.3/16"-12 UN	52	37.69 x 3.53	18.77 x 1.78
GE HRO 20 HJOF 16	G 1.1/4" -11	1.7/16"-12 UN	52	37.69 x 3.53	23.52 x 1.78
GE HRO 20 HJOF	G 1.1/4" -11	1.11/16"-12 UN	52	37.69 x 3.53	29.87 x 1.78
GE HRO 24 HJOF 20	G 1.1/2" -11	1.11/16"-12 UN	58	44.04 x 3.53	29.87 x 1.78
GE HRO 24 HJOF	G 1.1/2" -11	2"-12 UN	58	44.04 x 3.53	37.82 x 1.78

SW = Width across flats

GE HRED AJF**Screw-in sockets**

Connection 1: BSP external thread, cylindrical
Sealing form 1: Shape E
Connection 2: ORFS nut threads
Sealing form 2: Flat seal
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	Working pressure bar	G1	G2	SW mm	S1
GE HRED 02 AJ F 04	PN 500	G 1/8" -28	9/16"-18 UNF	14	17
GE HRED 04 AJF	PN 500	G 1/4" -19	9/16"-18 UNF	19	17
GE HRED 04 AJF 06	PN 630	G 1/4" -19	11/16" -16 UN	19	22
GE HRED 04 AJF 08	PN 630	G 1/4" -19	13/16" -16 UN	22	24
GE HRED 06 AJF	PN 630	G 3/8" -19	11/16" -16 UN	22	22
GE HRED 06 AJF 08	PN 630	G 3/8" -19	13/16" -16 UN	22	24
GE HRED 08 AJF 06	PN 420	G 1/2" -14	11/16" -16 UN	27	22
GE HRED 08 AJF	PN 420	G 1/2" -14	13/16" -16 UN	27	24
GE HRED 08 AJF 10	PN 400	G 1/2" -14	1" -14 UNS	27	30
GE HRED 08 AJF 12	PN 420	G 1/2" -14	1.3/16" -12 UN	30	36
GE HRED 12 AJF 10	PN 420	G 3/4" -14	1" -14 UNS	32	30
GE HRED 12 AJF	PN 400	G 3/4" -14	1.3/16" -12 UN	32	36
GE HRED 16 AJF	PN 400	G 1" -11	1.7/16" -12 UN	41	41
GE HRED 20 AJF	PN 250	G 1.1/4" -11	1.11/16" -12 UN	50	50
GE HRED 24 AJF	PN 250	G 1.1/2" -11	2" -12 UN	55	60

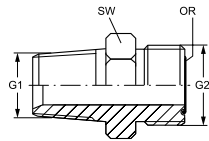
SW, S1, S2 = With across flats

Spare parts:

WD - Soft seal for ED fittings

GE HRK HJOF

Screw-in sockets



- Connection 1:** BSPT conical external threads
- Sealing form 1:** thread seal
- Connection 2:** ORFS external threads
- Sealing form 2:** flat seal with O-ring
- Design:** Screw-in sockets
- Construction:** straight
- Material:** Steel
- Surface:** electro galvanised

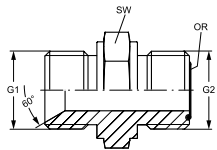
Identification	G1	G2	SW mm	OR
GE HRK 04 HJOF	R 1/4" K	9/16"-18 UNF	17	7.65 x 1.78
GE HRK 06 HJOF	R 3/8" K	11/16"-16 UN	19	9.25 x 1.78
GE HRK 08 HJOF	R 1/2" K	13/16"-16 UN	22	12.42 x 1.78
GE HRK 08 HJOF 10	R 1/2" K	1"-14 UNS	27	15.60 x 1.78
GE HRK 12 HJOF	R 3/4" K	1.3/16"-12 UN	32	18.77 x 1.78
GE HRK 16 HJOF	R 1" K	1.7/16"-12 UN	38	23.52 x 1.78
GE HRK 16 HJOF 12	R 1" K	1.3/16"-12 UN	36	18.77 x 1.78
GE HRK 20 HJOF	R 1.1/4" K	1.11/16"-12 UN	48	29.87 x 1.78
GE HRK 24 HJOF	R 1.1/2" K	2"-12 UN	55	37.82 x 1.78

SW = Width across flats

G HB HJOF

Connection sockets

- Connection 1:** BSP external thread, cylindrical
- Sealing form 1:** 60° inner cone
- Connection 2:** ORFS external threads
- Sealing form 2:** flat seal with O-ring
- Design:** Connection sockets
- Construction:** straight
- Material:** Steel
- Surface:** electro galvanised

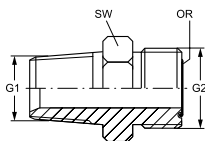


Identification	G1	G2	SW mm	OR
G HB 16 HJOF 12	G 1" -11	1.3/16" -12 UN	41	18.77 x 1.78

SW = Width across flats

GE HN HJOF

Screw-in sockets



Connection 1: NPT external threads
Sealing form 1: thread seal
Connection 2: ORFS external threads
Sealing form 2: flat seal with O-ring
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm	OR
GE HN 02 HJOF 04	1/8" -27 NPT	9/16"-18 UNF	16	7.65 x 1.78
GE HN 04 HJOF	1/4" -18 NPT	9/16"-18 UNF	16	7.65 x 1.78
GE HN 04 HJOF 06	1/4" -18 NPT	11/16" -16 UN	19	9.25 x 1.78
GE HN 06 HJOF	3/8" -18 NPT	11/16" -16 UN	19	9.25 x 1.78
GE HN 06 HJOF 08	3/8" -18 NPT	13/16" -16 UN	22	12.42 x 1.78
GE HN 08 HJOF 06	1/2" -14 NPT	11/16" -16 UN	22	9.25 x 1.78
GE HN 08 HJOF	1/2" -14 NPT	13/16" -16 UN	22	12.42 x 1.78
GE HN 08 HJOF 10	1/2" -14 NPT	1" -14 UNS	27	15.60 x 1.78
GE HN 12 HJOF 08	3/4" -14 NPT	13/16" -16 UN	29	12.42 x 1.78
GE HN 12 HJOF 10	3/4" -14 NPT	1" -14 UNS	29	15.60 x 1.78
GE HN 12 HJOF	3/4" -14 NPT	1.3/16" -12 UN	32	18.77 x 1.78
GE HN 12 HJOF 16	3/4" -14 NPT	1.7/16" -12 UN	38	23.52 x 1.78
GE HN 16 HJOF 12	1" -11.5 NPT	1.3/16" -12 UN	35	18.77 x 1.78
GE HN 16 HJOF	1" -11.5 NPT	1.7/16" -12 UN	38	23.52 x 1.78
GE HN 20 HJOF	1.1/4" -11.5 NPT	1.11/16" -12 UN	48	29.87 x 1.78
GE HN 24 HJOF	1.1/2" -11.5 NPT	2" -12 UN	54	37.82 x 1.78

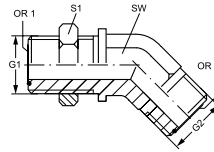
SW = Width across flats

Product versions:

GE HN HJOF VA - Screw-in sockets, Stainless steel

SW 45 HJOF**Bulkhead fitting socket, angle 45°**

Connection 1: ORFS external threads
Sealing form 1: flat seal with O-ring
Connection 2: ORFS external threads
Sealing form 2: flat seal with O-ring
Design: Bulkhead fitting socket
Construction: Angle 45°
Material: Steel
Surface: electro galvanised

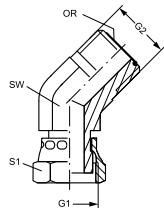


Identification	G1 + G2	SW mm	S1	OR1 + OR2
SW 45 HJOF 04	9/16"-18 UNF	14	22	7.66 x 1.78
SW 45 HJOF 06	11/16" -16 UN	19	27	9.25 x 1.78
SW 45 HJOF 08	13/16" -16 UN	19	30	12.42 x 1.78
SW 45 HJOF 10	1" -14 UNS	27	32	15.60 x 1.78
SW 45 HJOF 12	1.3/16" -12 UN	30	38	18.77 x 1.78
SW 45 HJOF 16	1.7/16" -12 UN	37	48	23.52 x 1.78
SW 45 HJOF 20	1.11/16" -12 UN	41	51	29.87 x 1.78
SW 45 HJOF 24	2" -12 UN	48	60	37.82 x 1.78

SW, S1, S2 = With across flats

W45 AJF HJOF

Connector, angle 45°



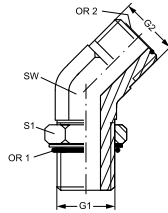
- Connection 1:** ORFS nut threads
- Sealing form 1:** flat sealing
- Connection 2:** ORFS external threads
- Sealing form 2:** flat seal with O-ring
- Design:** Connectors
- Construction:** Angle 45°
- Material:** Steel
- Surface:** electro galvanised

Identification	Working pressure bar	G1 + G2	SW mm	S1	OR
W45 AJF 04 HJOF	PN 630	9/16" -18 UNF	14	17	7.65 x 1.78
W45 AJF 06 HJOF	PN 630	11/16" -16 UN	19	22	9.25 x 1.78
W45 AJF 08 HJOF	PN 630	13/16" -16 UN	19	24	12.42 x 1.78
W45 AJF 10 HJOF	PN 400	1" -14 UNS	27	30	15.60 x 1.78
W45 AJF 12 HJOF	PN 400	1.3/16" -12 UN	30	36	18.77 x 1.78
W45 AJF 16 HJOF	PN 400	1.7/16" -12 UN	36	41	23.52 x 1.78
W45 AJF 20 HJOF	PN 250	1.11/16" -12 UN	41	50	29.87 x 1.78
W45 AJF 24 HJOF	PN 250	2" -12 UN	48	60	37.82 x 1.78

SW, S1, S2 = With across flats

W45 O HJOF**Screw-in socket, angle 45°**

Connection 1: UN/UNF external threads
Sealing form 1: O-ring seal on screw-in socket
Connection 2: ORFS external threads
Sealing form 2: flat seal with O-ring
Design: Adjustable direction screw-in socket
Construction: Angle 45°
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	S1	OR1	OR2
W45 O 04 HJOF	7/16"-20 UNF	9/16"-18 UNF	14	16	8.92 x 1.83	7.65 x 1.78
W45 O 04 HJOF 06	7/16"-20 UNF	11/16"-16 UN	19	16	8.92 x 1.83	9.25 x 1.78
W45 O 06 HJOF 04	9/16"-18 UNF	9/16"-18 UNF	19	19	11.89 x 1.98	7.65 x 1.78
W45 O 06 HJOF	9/16"-18 UNF	11/16"-16 UN	19	19	11.89 x 1.98	9.25 x 1.78
W45 O 06 HJOF 08	9/16"-18 UNF	13/16"-16 UN	19	19	11.89 x 1.98	12.42 x 1.78
W45 O 08 HJOF 06	3/4"-16 UNF	11/16"-16 UN	19	24	16.36 x 2.21	12.42 x 1.78
W45 O 08 HJOF	3/4"-16 UNF	13/16"-16 UN	19	24	16.36 x 2.21	12.42 x 1.78
W45 O 08 HJOF 10	3/4"-16 UNF	1"-14 UNS	27	24	16.36 x 2.21	15.60 x 1.78
W45 O 10 HJOF 08	7/8"-14 UNF	13/16"-16 UN	27	27	19.18 x 2.46	12.42 x 1.78
W45 O 10 HJOF	7/8"-14 UNF	1"-14 UNS	27	27	19.18 x 2.46	15.60 x 1.78
W45 O 10 HJOF 12	7/8"-14 UNF	1.3/16"-12 UN	30	27	19.18 x 2.46	18.77 x 1.78
W45 O 12 HJOF 10	1.1/16"-12 UN	1"-14 UNS	30	36	23.47 x 2.95	15.60 x 1.78
W45 O 12 HJOF	1.1/16"-12 UN	1.3/16"-12 UN	30	35	23.47 x 2.95	18.77 x 1.78
W45 O 12 HJOF 16	1.1/16"-12 UN	1.7/16"-12 UN	36	36	23.47 x 2.95	23.52 x 1.78
W45 O 16 HJOF 12	1.5/16"-12 UN	1.3/16"-12 UN	37	41	29.74 x 2.95	18.77 x 1.78
W45 O 16 HJOF	1.5/16"-12 UN	1.7/16"-12 UN	37	41	29.74 x 2.95	23.52 x 1.78
W45 O 20 HJOF 16	1.5/8"-12 UN	1.7/16"-12 UN	41	48	37.47 x 3.00	23.52 x 1.78
W45 O 20 HJOF	1.5/8"-12 UN	1.11/16"-12 UN	41	48	37.47 x 3.00	29.87 x 1.78
W45 O 24 HJOF 20	1.7/8"-12 UN	1.11/16"-12 UN	48	54	43.69 x 3.00	29.87 x 1.78
W45 O 24 HJOF	1.7/8"-12 UN	2"-12 UN	48	54	43.69 x 3.00	37.82 x 1.78

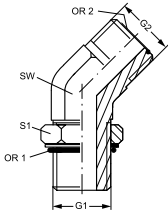
SW, S1, S2 = With across flats

Product versions:

W45 O HJOF VA - Screw-in socket, angle 45°, Stainless steel

W45 HMO HJOF

Screw-in socket, angle 45°



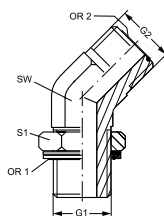
- Connection 1:** metric cylindrical outer thread
- Sealing form 1:** O-ring seal on screw-in socket
- Connection 2:** ORFS external threads
- Sealing form 2:** flat seal with O-ring
- Design:** Adjustable direction screw-in socket
- Construction:** Angle 45°
- Material:** Steel
- Surface:** electro galvanised

Identification	G1	G2	SW mm	S1	OR1	OR2
W45 HMO 12 HJOF 04	M 12 x 1.5	9/16"-18 UNF	14	17	9.30 x 2.30	7.65 x 1.78
W45 HMO 16 HJOF 06	M 16 x 1.5	11/16"-16 UN	19	22	13.30 x 2.30	9.25 x 1.78
W45 HMO 18 HJOF 08	M 18 x 1.5	13/16"-16 UN	19	24	15.30 x 2.30	12.42 x 1.78
W45 HMO 22 HJOF 10	M 22 x 1.5	1"-14 UNS	27	27	19.30 x 2.30	15.60 x 1.78
W45 HMO 27 HJOF 12	M 27 x 2	1.3/16"-12 UN	30	32	23.47 x 2.95	18.77 x 1.78
W45 HMO 33 HJOF 16	M 33 x 2	1.7/16"-12 UN	36	41	29.74 x 2.95	23.52 x 1.78
W45 HMO 42 HJOF 20	M 42 x 2	1.11/16"-12 UN	41	50	38.00 x 3.00	29.87 x 1.78
W45 HMO 48 HJOF 24	M 48 x 2	2"-12 UN	50	55	44.04 x 3.53	37.82 x 1.78

SW, S1, S2 = With across flats

W45 HMOK HJOF**Screw-in socket, angle 45°**

- Connection 1:** metric cylindrical outer thread
Sealing form 1: Thread socket with O-ring + spacer diaphragm ring
Connection 2: ORFS external threads
Sealing form 2: flat seal with O-ring
Design: Adjustable direction screw-in socket
Construction: Angle 45°
Material: Steel
Surface: electro galvanised

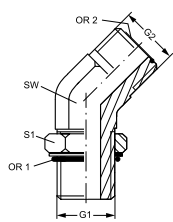


Identification	G1	G2	SW mm	S1	OR1	OR2
W45 HMOK 12 HJOF 04	M 12 x 1.5	9/16"-18 UNF	14	17	9.30 x 2.30	7.65 x 1.78
W45 HMOK 16 HJOF 06	M 16 x 1.5	11/16"-16 UN	19	19	13.30 x 2.30	9.25 x 1.78
W45 HMOK 18 HJOF 08	M 18 x 1.5	13/16"-16 UN	19	22	15.30 x 2.30	12.42 x 1.78
W45 HMOK 22 HJOF 10	M 22 x 1.5	1"-14 UN5	27	27	19.30 x 2.30	15.60 x 1.78
W45 HMOK 27 HJOF 12	M 27 x 2	1.3/16"-12 UN	30	32	23.47 x 2.95	18.77 x 1.78
W45 HMOK 33 HJOF 16	M 33 x 2	1.7/16"-12 UN	36	38	29.74 x 2.95	23.52 x 1.78
W45 HMOK 42 HJOF 20	M 42 x 2	1.11/16"-12 UN	41	50	38.00 x 3.00	29.87 x 1.78
W45 HMOK 48 HJOF 24	M 48 x 2	2"-12 UN	50	55	44.04 x 3.53	37.82 x 1.78

SW, S1, S2 = With across flats

W45 HRO HJOF

Screw-in socket, angle 45°

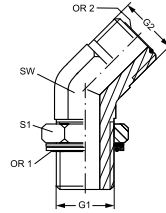


- Connection 1:** BSP external thread, cylindrical form G
- Sealing form 1:** ORFS external threads
- Connection 2:** flat seal with O-ring
- Sealing form 2:** Screw-in sockets
- Design:** Angle 45°
- Construction:** Steel
- Material:** electro galvanised
- Surface:**

Identification	G1	G2	SW mm	S1	OR1	OR2
W45 HRO 20 HJOF	G 1.1/4" -11	1.11/16" -12 UN	41	50	37.69 x 3.53	29.87 x 1.78
W45 HRO 24 HJOF	G 1.1/2" -11	2" -12 UN	50	55	44.04 x 3.53	37.82 x 1.78
SW, S1, S2 = With across flats						

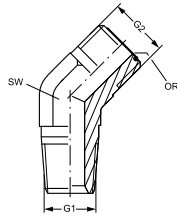
W45 HROK HJOF**Screw-in socket, angle 45°**

Connection 1: BSP external thread, cylindrical
Sealing form 1: Thread socket with O-ring + spacer diaphragm ring
Connection 2: ORFS external threads
Sealing form 2: flat seal with O-ring
Design: Adjustable direction screw-in socket
Construction: Angle 45°
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	S1	OR1	OR2
W45 HROK 02 HJOF 04	G 1/8" -28	9/16"-18 UNF	14	14	8.00 x 2.00	7.65 x 1.78
W45 HROK 04 HJOF	G 1/4" -19	9/16"-18 UNF	19	19	10.77 x 2.62	7.65 x 1.78
W45 HROK 04 HJOF 06	G 1/4" -19	11/16" -16 UN	19	19	10.77 x 2.62	9.25 x 1.78
W45 HROK 06 HJOF	G 3/8" -19	11/16" -16 UN	19	22	13.94 x 2.62	9.25 x 1.78
W45 HROK 06 HJOF 08	G 3/8" -19	13/16" -16 UN	19	22	13.94 x 2.62	12.42 x 1.78
W45 HROK 08 HJOF 06	G 1/2" -14	11/16" -16 UN	27	27	17.86 x 2.62	9.25 x 1.78
W45 HROK 08 HJOF	G 1/2" -14	13/16" -16 UN	27	27	17.86 x 2.62	12.42 x 1.78
W45 HROK 08 HJOF 10	G 1/2" -14	1" -14 UNS	27	27	17.86 x 2.62	15.60 x 1.78
W45 HROK 12 HJOF 10	G 3/4" -14	1" -14 UNS	30	36	23.47 x 2.62	15.60 x 1.78
W45 HROK 12 HJOF	G 3/4" -14	1.3/16" -12 UN	30	36	23.47 x 2.62	18.77 x 1.78
W45 HROK 16 HJOF 12	G 1" -11	1.3/16" -12 UN	36	41	29.75 x 3.53	18.77 x 1.78
W45 HROK 16 HJOF	G 1" -11	1.7/16" -12 UN	36	41	29.75 x 3.53	23.52 x 1.78
W45 HROK 20 HJOF	G 1.1/4" -11	1.11/16" -12 UN	41	50	37.69 x 3.53	29.87 x 1.78
W45 HROK 24 HJOF	G 1.1/2" -11	2" -12 UN	50	55	44.04 x 3.53	37.82 x 1.78

SW, S1, S2 = With across flats

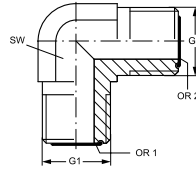
W45 HN HJOF**Screw-in socket, angle 45°**

Connection 1: NPT external threads
Sealing form 1: thread seal
Connection 2: ORFS external threads
Sealing form 2: flat seal with O-ring
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm	OR
W45 HN 02 HJOF 04	1/8" -27 NPT	9/16"-18 UNF	14	7.65 x 1.78
W45 HN 04 HJOF	1/4" -18 NPT	9/16"-18 UNF	14	7.65 x 1.78
W45 HN 04 HJOF 06	1/4" -18 NPT	11/16" -16 UN	19	9.25 x 1.78
W45 HN 06 HJOF 04	3/8" -18 NPT	9/16"-18 UNF	19	7.65 x 1.78
W45 HN 06 HJOF	3/8" -18 NPT	11/16" -16 UN	19	9.25 x 1.78
W45 HN 06 HJOF 08	3/8" -18 NPT	13/16" -16 UN	19	12.42 x 1.78
W45 HN 08 HJOF 06	1/2" -14 NPT	11/16" -16 UN	22	9.25 x 1.78
W45 HN 08 HJOF	1/2" -14 NPT	13/16" -16 UN	22	12.42 x 1.78
W45 HN 08 HJOF 10	1/2" -14 NPT	1" -14 UNS	27	15.60 x 1.78
W45 HN 12 HJOF	3/4" -14 NPT	1.3/16" -12 UN	30	18.77 x 1.78
W45 HN 16 HJOF	1" -11.5 NPT	1.7/16" -12 UN	37	23.52 x 1.78
SW = Width across flats				

W90 HJOF**Fitting socket, angle 90°**

Connection 1: ORFS external threads
Sealing form 1: flat seal with O-ring
Connection 2: ORFS external threads
Sealing form 2: flat seal with O-ring
Design: Fitting socket
Construction: Angle 90°
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	OR1	OR2
W90 HJOF 04	9/16"-18 UNF	9/16"-18 UNF	14	7.65 x 1.78	7.65 x 1.78
W90 HJOF 04 HJOF 06	9/16"-18 UNF	11/16"-16 UN	19	7.65 x 1.78	9.25 x 1.78
W90 HJOF 06	11/16"-16 UN	11/16"-16 UN	19	9.25 x 1.78	9.25 x 1.78
W90 HJOF 06 HJOF 08	11/16"-16 UN	13/16"-16 UN	19	9.25 x 1.78	12.42 x 1.78
W90 HJOF 08	13/16"-16 UN	13/16"-16 UN	19	12.42 x 1.78	12.42 x 1.78
W90 HJOF 08 HJOF 12	13/16"-16 UN	1.3/16"-12 UN	30	12.42 x 1.78	18.77 x 1.78
W90 HJOF 10	1"-14 UNS	1"-14 UNS	27	15.60 x 1.78	15.60 x 1.78
W90 HJOF 12	1.3/16"-12 UN	1.3/16"-12 UN	30	18.77 x 1.78	18.77 x 1.78
W90 HJOF 16	1.7/16"-12 UN	1.7/16"-12 UN	36	23.52 x 1.78	23.52 x 1.78
W90 HJOF 20	1.11/16"-12 UN	1.11/16"-12 UN	41	29.87 x 1.78	29.87 x 1.78
W90 HJOF 24	2"-12 UN	2"-12 UN	48	37.82 x 1.78	37.82 x 1.78
W90 HJOF 32	2.1/2"-12 UN	2.1/2"-12 UN	64	48.90 x 2.62	48.90 x 2.62

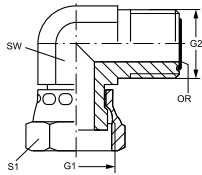
SW = Width across flats

Product versions:

W90 HJOF VA - Fitting socket, angle 90°, Stainless steel

W90 AJF HJOF

Screw-on socket, angle 90°



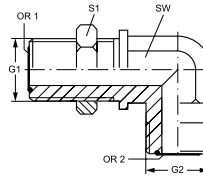
- Connection 1: ORFS nut threads
- Sealing form 1: flat sealing
- Connection 2: ORFS external threads
- Sealing form 2: flat seal with O-ring
- Design: Screw-on socket
- Construction: Angle 90°
- Material: Steel
- Surface: electro galvanised

Identification	G1 + G2	SW mm	S1	OR
W90 AJF 04 HJOF	9/16"-18 UNF	14	17	7.65 x 1.78
W90 AJF 06 HJOF	11/16" -16 UN	19	22	9.25 x 1.78
W90 AJF 08 HJOF	13/16" -16 UN	19	24	12.42 x 1.78
W90 AJF 10 HJOF	1" -14 UNS	27	30	15.60 x 1.78
W90 AJF 12 HJOF	1.3/16" -12 UN	30	36	18.77 x 1.78
W90 AJF 16 HJOF	1.7/16" -12 UN	36	41	23.52 x 1.78
W90 AJF 20 HJOF	1.11/16" -12 UN	41	50	29.87 x 1.78
W90 AJF 24 HJOF	2" -12 UN	48	60	37.82 x 1.78
SW, S1, S2 = With across flats				

Product versions:
W90 AJF HJOF VA - Screw-on socket, angle 90°, Stainless steel

SW HJOF**Bulkhead fitting socket, angle 90°**

Connection 1: ORFS external threads
Sealing form 1: flat seal with O-ring
Connection 2: ORFS external threads
Sealing form 2: flat seal with O-ring
Design: Bulkhead fitting socket
Construction: Angle 90°
Material: Steel
Surface: electro galvanised

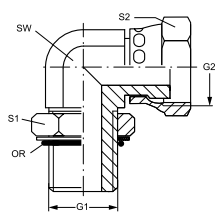


Identification	G1 + G2	SW mm	S1	OR1 + OR2
SW HJOF 04	9/16"-18 UNF	14	22	7.66 x 1.78
SW HJOF 06	11/16"-16 UN	19	27	9.25 x 1.78
SW HJOF 08	13/16"-16 UN	19	30	12.42 x 1.78
SW HJOF 10	1"-14 UNS	27	32	15.60 x 1.78
SW HJOF 12	1.3/16"-12 UN	30	38	18.77 x 1.78
SW HJOF 16	1.7/16"-12 UN	37	46	23.52 x 1.78
SW HJOF 20	1.11/16"-12 UN	41	51	29.87 x 1.78
SW HJOF 24	2"-12 UN	60	48	37.82 x 1.78

SW, S1, S2 = With across flats

W90 O AJF

Screw-in socket, ORFS, angle 90°

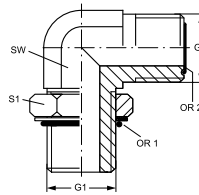


- Connection 1:** UN/UNF external threads
- Sealing form 1:** O-ring seal on screw-in socket
- Connection 2:** ORFS nut threads
- Sealing form 2:** Flat seal
- Design:** Adjustable direction screw-in socket
- Construction:** Angle 90°
- Material:** Steel
- Surface:** electro galvanised

Identification	G1	G2	SW mm	S1	S2	OR
W90 O 04 AJF	7/16"-20 UNF	9/16"-18 UNF	14	16	18	8.92 x 1.83
W90 O 06 AJF	9/16"-18 UNF	11/16"-16 UN	19	19	21	11.90 x 1.98
W90 O 08 AJF	3/4"-16 UNF	13/16"-16 UN	19	24	24	16.36 x 2.20
W90 O 10 AJF	7/8"-14 UNF	1" -14 UNS	27	27	29	19.18 x 2.46
W90 O 12 AJF	1.1/16"-12 UN	1.3/16"-12 UN	27	35	35	23.47 x 2.95
W90 O 16 AJF	1.5/16"-12 UN	1.7/16"-12 UN	33	41	41	29.74 x 2.95
W90 O 20 AJF	1.5/8"-12 UN	1.11/16"-12 UN	41	48	48	37.47 x 3.00
W90 O 24 AJF	1.7/8"-12 UN	2" -12 UN	48	54	57	43.69 x 3.00
SW, S1, S2 = With across flats						

W90 O HJOF**Screw-in socket, ORFS, angle 90°**

Connection 1: UN/UNF external threads
Sealing form 1: O-ring seal on screw-in socket
Connection 2: ORFS external threads
Sealing form 2: flat seal with O-ring
Design: Adjustable direction screw-in socket
Construction: Angle 90°
Material: Steel
Surface: electro galvanised

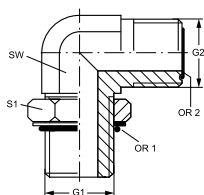


Identification	G1	G2	SW mm	S1	OR1	OR2
W90 O 04 HJOF	7/16"-20 UNF	9/16"-18 UNF	14	16	8.92 x 1.83	7.65 x 1.78
W90 O 04 HJOF 06	7/16"-20 UNF	11/16"-16 UN	19	16	8.92 x 1.83	9.25 x 1.78
W90 O 06 HJOF 04	9/16"-18 UNF	9/16"-18 UNF	19	19	11.89 x 1.98	7.65 x 1.78
W90 O 06 HJOF	9/16"-18 UNF	11/16"-16 UN	19	19	11.89 x 1.98	9.25 x 1.78
W90 O 06 HJOF 08	9/16"-18 UNF	13/16"-16 UN	19	19	11.89 x 1.98	12.42 x 1.78
W90 O 08 HJOF 06	3/4"-16 UNF	11/16"-16 UN	19	24	16.36 x 2.21	9.25 x 1.78
W90 O 08 HJOF	3/4"-16 UNF	13/16"-16 UN	19	24	16.36 x 2.21	12.42 x 1.78
W90 O 08 HJOF 10	3/4"-16 UNF	1"-14 UNS	27	24	16.36 x 2.21	15.60 x 1.78
W90 O 08 HJOF 12	3/4"-16 UNF	1.3/16"-12 UN	30	24	16.36 x 2.21	18.77 x 1.78
W90 O 10 HJOF 06	7/8"-14 UNF	11/16"-16 UN	22	27	19.18 x 2.46	9.25 x 1.78
W90 O 10 HJOF 08	7/8"-14 UNF	13/16"-16 UN	27	27	19.18 x 2.46	12.42 x 1.78
W90 O 10 HJOF	7/8"-14 UNF	1"-14 UNS	27	27	19.18 x 2.46	15.60 x 1.78
W90 O 10 HJOF 12	7/8"-14 UNF	1.3/16"-12 UN	30	27	19.18 x 2.46	18.77 x 1.78
W90 O 12 HJOF 08	1.1/16"-12 UN	13/16"-16 UN	30	36	23.47 x 2.95	12.42 x 1.78
W90 O 12 HJOF 10	1.1/16"-12 UN	1"-14 UNS	30	35	23.47 x 2.95	15.60 x 1.78
W90 O 12 HJOF	1.1/16"-12 UN	1.3/16"-12 UN	30	36	23.47 x 2.95	18.77 x 1.78
W90 O 12 HJOF 16	1.1/16"-12 UN	1.7/16"-12 UN	37	35	23.47 x 2.95	23.52 x 1.78
W90 O 16 HJOF 12	1.5/16"-12 UN	1.3/16"-12 UN	36	41	29.74 x 2.95	18.77 x 1.78
W90 O 16 HJOF	1.5/16"-12 UN	1.7/16"-12 UN	37	41	29.74 x 2.95	23.52 x 1.78
W90 O 16 HJOF 20	1.5/16"-12 UN	1.11/16"-12 UN	41	41	29.74 x 2.95	29.87 x 1.78
W90 O 20 HJOF 16	1.5/8"-12 UN	1.7/16"-12 UN	41	48	37.47 x 3.00	23.52 x 1.78
W90 O 20 HJOF	1.5/8"-12 UN	1.11/16"-12 UN	41	48	37.47 x 3.00	29.87 x 1.78
W90 O 20 HJOF 24	1.5/8"-12 UN	2"-12 UN	48	48	37.47 x 3.00	37.82 x 1.78
W90 O 24 HJOF	1.7/8"-12 UN	2"-12 UN	48	54	43.69 x 3.00	37.82 x 1.78
W90 O 24 HJOF 20	1.7/8"-12 UN	1.11/16"-12 UN	48	54	43.69 x 3.00	29.87 x 1.78
W90 O 32 HJOF	2.1/2"-12 UN	2.1/2"-12 UN	64	70	59.36 x 3.00	48.90 x 2.62

SW, S1, S2 = With across flats

Product versions:

W90 O HJOF VA - Screw-in socket, ORFS, angle 90°, Stainless steel

W90 HMO HJOF**Screw-in socket, angle 90°**

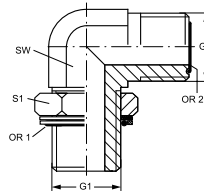
Connection 1: metric cylindrical outer thread
Sealing form 1: O-ring seal on screw-in socket
Connection 2: ORFS external threads
Sealing form 2: flat seal with O-ring
Design: Adjustable direction screw-in socket
Construction: Angle 90°
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm	S1	OR1	OR2
W90 HMO 10 HJOF 04	M 10 x 1	9/16"-18 UNF	14	14	8.2 x 1.5	7.65 x 1.78
W90 HMO 12 HJOF 04	M 12 x 1.5	9/16"-18 UNF	14	17	9.4 x 2.1	7.65 x 1.78
W90 HMO 14 HJOF 06	M 14 x 1.5	11/16"-16 UN	19	19	11.4 x 2.1	9.25 x 1.78
W90 HMO 16 HJOF 06	M 16 x 1.5	11/16"-16 UN	19	22	13.4 x 2.1	9.25 x 1.78
W90 HMO 16 HJOF 08	M 16 x 1.5	13/16"-16 UN	19	22	13.4 x 2.1	12.42 x 1.78
W90 HMO 18 HJOF 08	M 18 x 1.5	13/16"-16 UN	19	24	15.4 x 2.1	12.42 x 1.78
W90 HMO 18 HJOF 10	M 18 x 1.5	1" -14 UNS	27	24	15.4 x 2.1	15.60 x 1.78
W90 HMO 22 HJOF 08	M 22 x 1.5	13/16"-16 UN	27	27	19.4 x 2.1	12.42 x 1.78
W90 HMO 22 HJOF 10	M 22 x 1.5	1" -14 UNS	27	27	19.4 x 2.1	15.60 x 1.78
W90 HMO 22 HJOF 12	M 22 x 1.5	1.3/16"-12 UN	30	27	19.4 x 2.1	18.77 x 1.78
W90 HMO 27 HJOF 10	M 27 x 2	1" -14 UNS	27	32	23.7 x 2.8	15.60 x 1.78
W90 HMO 27 HJOF 12	M 27 x 1.5	1.3/16"-12 UN	30	32	23.7 x 2.8	18.77 x 1.78
W90 HMO 33 HJOF 12	M 33 x 2	1.3/16"-12 UN	30	41	29.7 x 2.8	18.77 x 1.78
W90 HMO 33 HJOF 16	M 33 x 2	1.7/16"-12 UN	36	41	29.7 x 2.8	23.52 x 1.78
W90 HMO 42 HJOF 16	M 42 x 2	1.7/16"-12 UN	36	50	38.7 x 2.8	23.52 x 1.78
W90 HMO 42 HJOF 20	M 42 x 2	1.11/16"-12 UN	41	50	38.7 x 2.8	29.87 x 1.78
W90 HMO 48 HJOF 20	M 48 x 2	1.11/16"-12 UN	41	55	46.7 x 2.8	29.87 x 1.78
W90 HMO 48 HJOF 24	M 48 x 2	2" -12 UN	50	55	46.7 x 2.8	37.82 x 1.78

SW, S1, S2 = With across flats

W90 HMOK HJOF**Screw-in socket, angle 90°**

Connection 1: metric cylindrical outer thread
Sealing form 1: Thread socket with O-ring + spacer diaphragm ring
Connection 2: ORFS external threads
Sealing form 2: flat seal with O-ring
Design: Adjustable direction screw-in socket
Construction: Angle 90°
Material: Steel
Surface: electro galvanised

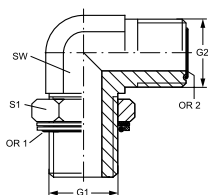


Identification	G1	G2	SW mm	S1	OR1	OR2
W90 HMOK 10 HJOF 04	M 10 x 1	9/16"-18 UNF	14	15	8.00 x 1.50	7.65 x 1.78
W90 HMOK 12 HJOF 04	M 12 x 1.5	9/16"-18 UNF	14	18	9.30 x 2.30	7.65 x 1.78
W90 HMOK 14 HJOF 06	M 14 x 1.5	11/16"-16 UN	19	20	11.30 x 2.30	9.25 x 1.78
W90 HMOK 16 HJOF 06	M 16 x 1.5	11/16"-16 UN	19	20	13.30 x 2.30	9.25 x 1.78
W90 HMOK 18 HJOF 08	M 18 x 1.5	13/16"-16 UN	19	25	15.30 x 2.30	12.42 x 1.78
W90 HMOK 22 HJOF 08	M 22 x 1.5	13/16"-16 UN	19	28	19.30 x 2.30	12.42 x 1.78
W90 HMOK 22 HJOF 10	M 22 x 1.5	1" -14 UNS	27	28	19.30 x 2.30	15.60 x 1.78
W90 HMOK 27 HJOF 10	M 27 x 2	1" -14 UNS	27	32	23.47 x 2.95	15.60 x 1.78
W90 HMOK 27 HJOF 12	M 27 x 2	1.3/16" -12 UN	30	32	23.47 x 2.95	18.77 x 1.78
W90 HMOK 33 HJOF 12	M 33 x 2	1.3/16" -12 UN	30	42	29.74 x 2.95	18.77 x 1.78
W90 HMOK 33 HJOF 16	M 33 x 2	1.7/16" -12 UN	36	42	29.74 x 2.95	23.52 x 1.78
W90 HMOK 42 HJOF 16	M 42 x 2	1.7/16" -12 UN	36	50	38.00 x 3.00	23.52 x 1.78
W90 HMOK 42 HJOF 20	M 42 x 2	1.11/16" -12 UN	41	50	38.00 x 3.00	29.87 x 1.78
W90 HMOK 48 HJOF 20	M 48 x 2	1.11/16" -12 UN	41	56	44.04 x 3.53	29.87 x 1.78
W90 HMOK 48 HJOF 24	M 48 x 2	2" -12 UN	50	56	44.04 x 3.53	37.82 x 1.78

SW, S1, S2 = With across flats

W90 HROK HJOF

Screw-in socket, angle 90°



Connection 1:
Sealing form 1:

BSP external thread, cylindrical
Thread socket with O-ring + spacer
diaphragm ring

Connection 2:
Sealing form 2:

ORFS external threads
flat seal with O-ring

Design:

Adjustable direction screw-in socket
Angle 90°

Construction:

Angle 90°

Material:

Steel

Surface:

electro galvanised

Identification	G1	G2	SW mm	S1	OR1	OR2
W90 HROK 02 HJOF 04	G 1/8" -28	9/16"-18 UNF	14	14	8.00 x 2.00	7.65 x 1.78
W90 HROK 04 HJOF	G 1/4" -19	9/16"-18 UNF	19	19	10.77 x 2.62	7.65 x 1.78
W90 HROK 04 HJOF 06	G 1/4" -19	11/16"-16 UN	19	19	10.77 x 2.62	9.25 x 1.78
W90 HROK 04 HJOF 08	G 1/4" -19	13/16"-16 UN	19	19	10.77 x 2.62	12.42 x 1.78
W90 HROK 06 HJOF 04	G 3/8" -19	9/16"-18 UNF	19	22	13.94 x 2.62	7.65 x 1.78
W90 HROK 06 HJOF	G 3/8" -19	11/16"-16 UN	19	22	13.94 x 2.62	9.25 x 1.78
W90 HROK 06 HJOF 08	G 3/8" -19	13/16"-16 UN	19	22	13.94 x 2.62	12.42 x 1.78
W90 HROK 06 HJOF 10	G 3/8" -19	1" -14 UNS	27	22	13.94 x 2.62	15.60 x 1.78
W90 HROK 08 HJOF 06	G 1/2" -14	11/16"-16 UN	27	27	17.86 x 2.62	9.25 x 1.78
W90 HROK 08 HJOF	G 1/2" -14	13/16"-16 UN	27	27	17.86 x 2.62	12.42 x 1.78
W90 HROK 08 HJOF 10	G 1/2" -14	1" -14 UNS	27	27	17.86 x 2.62	15.60 x 1.78
W90 HROK 08 HJOF 12	G 1/2" -14	1.3/16"-12 UN	30	27	17.86 x 2.62	18.77 x 1.78
W90 HROK 12 HJOF 08	G 3/4" -14	13/16"-16 UN	30	36	23.47 x 2.62	12.42 x 1.78
W90 HROK 12 HJOF 10	G 3/4" -14	1" -14 UNS	30	36	23.47 x 2.62	15.60 x 1.78
W90 HROK 12 HJOF	G 3/4" -14	1.3/16"-12 UN	30	36	23.47 x 2.62	18.77 x 1.78
W90 HROK 12 HJOF 16	G 3/4" -14	1.7/16"-12 UN	36	36	23.47 x 2.62	23.52 x 1.78
W90 HROK 16 HJOF 10	G 1" -11	1" -14 UNS	36	41	29.75 x 3.53	15.60 x 1.78
W90 HROK 16 HJOF 12	G 1" -11	1.3/16"-12 UN	36	41	29.75 x 3.53	18.77 x 1.78
W90 HROK 16 HJOF	G 1" -11	1.7/16"-12 UN	36	41	29.75 x 3.53	23.52 x 1.78
W90 HROK 16 HJOF 20	G 1" -11	1.11/16"-12 UN	41	41	29.75 x 3.53	29.87 x 1.78
W90 HROK 20 HJOF 16	G 1.1/4" -11	1.7/16"-12 UN	41	50	37.69 x 3.53	23.52 x 1.78
W90 HROK 20 HJOF	G 1.1/4" -11	1.11/16"-12 UN	41	50	37.69 x 3.53	29.87 x 1.78
W90 HROK 24 HJOF 20	G 1.1/2" -11	1.11/16"-12 UN	50	55	44.04 x 3.53	29.87 x 1.78
W90 HROK 24 HJOF	G 1.1/2" -11	2" -12 UN	50	55	44.04 x 3.53	37.82 x 1.78

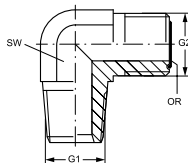
SW, S1, S2 = With across flats

Product versions:

W90 HROK HJOF VA - Screw-in socket, angle 90°, Stainless steel

W90 HN HJOF**Screw-in socket, angle 90°**

Connection 1: NPT external threads
Sealing form 1: thread seal
Connection 2: ORFS external threads
Sealing form 2: flat seal with O-ring
Design: Screw-in sockets
Construction: Angle 90°
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	OR
W90 HN 02 HJOF 04	1/8" -27 NPT	9/16"-18 UNF	14	7.65 x 1.78
W90 HN 04 HJOF	1/4" -18 NPT	9/16"-18 UNF	14	7.65 x 1.78
W90 HN 04 HJOF 06	1/4" -18 NPT	11/16" -16 UN	19	9.25 x 1.78
W90 HN 06 HJOF	3/8" -18 NPT	11/16" -16 UN	19	9.25 x 1.78
W90 HN 06 HJOF 08	3/8" -18 NPT	13/16" -16 UN	19	12.42 x 1.78
W90 HN 08 HJOF 06	1/2" -14 NPT	11/16" -16 UN	22	9.25 x 1.78
W90 HN 08 HJOF	1/2" -14 NPT	13/16" -16 UN	22	12.42 x 1.78
W90 HN 08 HJOF 10	1/2" -14 NPT	1" -14 UNS	27	15.60 x 1.78
W90 HN 08 HJOF 12	1/2" -14 NPT	1.3/16" -12 UN	30	18.77 x 1.78
W90 HN 12 HJOF 08	3/4" -14 NPT	13/16" -16 UN	30	12.42 x 1.78
W90 HN 12 HJOF 10	3/4" -14 NPT	1" -14 UNS	30	15.60 x 1.78
W90 HN 12 HJOF	3/4" -14 NPT	1.3/16" -12 UN	30	18.77 x 1.78
W90 HN 12 HJOF 16	3/4" -14 NPT	1.7/16" -12 UN	37	23.52 x 1.78
W90 HN 16 HJOF 12	1" -11.5 NPT	1.3/16" -12 UN	33	18.77 x 1.78
W90 HN 16 HJOF	1" -11.5 NPT	1.7/16" -12 UN	37	23.52 x 1.78
W90 HN 20 HJOF	1.1/4" -11.5 NPT	1.1/16" -12 UN	41	29.87 x 1.78
W90 HN 24 HJOF	1.1/2" -11.5 NPT	2" -12 UN	48	37.82 x 1.78

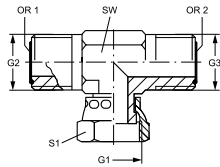
SW = Width across flats

Product versions:

W90 HN HJOF VA - Screw-in socket, angle 90°, Stainless steel

T AJF HJOF

Screw-on socket, T shaped



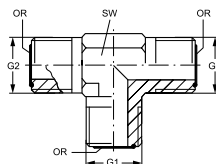
- Connection 1:** ORFS nut threads
Sealing form 1: flat sealing
Connection 2 + 3: ORFS external threads
Sealing form 2 + 3: flat seal with O-ring
Design: Adjustable direction screw-on socket
Construction: T shaped
Material: Steel
Surface: electro galvanised

Identification	G1	G2 + G3	SW mm	S1	OR1 + OR2
T AJF 04 HJOF	9/16"-18 UNF	9/16"-18 UNF	14	17	7.66 x 1.78
T AJF 06 HJOF	11/16" -16 UN	11/16" -16 UN	19	22	9.25 x 1.78
T AJF 08 HJOF	13/16" -16 UN	13/16" -16 UN	19	24	12.42 x 1.78
T AJF 10 HJOF	1" -14 UNS	1" -14 UNS	27	30	15.60 x 1.78
T AJF 12 HJOF	1.3/16" -12 UN	1.3/16" -12 UN	30	35	18.77 x 1.78
T AJF 16 HJOF	1.7/16" -12 UN	1.7/16" -12 UN	37	41	23.52 x 1.78
T AJF 20 HJOF	1.11/16" -12 UN	1.11/16" -12 UN	41	48	29.87 x 1.78
T AJF 24 HJOF	2" -12 UN	2" -12 UN	48	55	37.82 x 1.78

SW, S1, S2 = With across flats

T HJOF**Fitting socket, T shaped**

Connection 1 - 3: ORFS external threads
Sealing form 1 - 3: flat seal with O-ring
Design: Fitting socket
Construction: T shaped
Material: Steel
Surface: electro galvanised



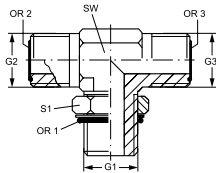
Identification	G1 - G3	SW mm	OR1 - OR3
T HJOF 04	9/16"-18 UNF	14	7.65 x 1.78
T HJOF 06	11/16" -16 UN	19	9.25 x 1.78
T HJOF 08	13/16" -16 UN	19	12.42 x 1.78
T HJOF 10	1" -14 UNS	27	15.60 x 1.78
T HJOF 12	1.3/16" -12 UN	30	18.77 x 1.78
T HJOF 16	1.7/16" -12 UN	36	23.52 x 1.78
T HJOF 20	1.11/16" -12 UN	41	29.87 x 1.78
T HJOF 24	2" -12 UN	48	37.82 x 1.78
T HJOF 32	2.1/2" -12 UN	64	48.90 x 2.62
SW = Width across flats			

Product versions:

T HJOF VA - Fitting socket, T shaped, Stainless steel

TO HJOF

Screw-in socket, T shaped



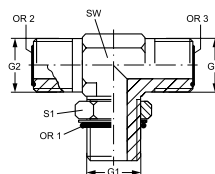
- Connection 1:**
Sealing form 1:
Connection 2 + 3:
Sealing form 2 + 3:
Design:
Construction:
Material:
Surface:
- UN/UNF external threads
O-ring seal on screw-in socket
ORFS external threads
flat seal with O-ring
Adjustable direction screw-in socket
T shaped
Steel
electro galvanised

Identification	G1	G2 + G3	SW mm	S1	OR1	OR2 + OR3
T O 04 HJOF	7/16"-20 UNF	9/16"-18 UNF	14	16	8.92 x 1.83	7.65 x 1.78
T O 06 HJOF	9/16"-18 UNF	11/16"-16 UN	19	19	11.89 x 1.98	9.25 x 1.78
T O 08 HJOF	3/4"-16 UNF	13/16"-16 UN	19	24	16.36 x 2.21	12.42 x 1.78
T O 10 HJOF	7/8"-14 UNF	1"-14 UNS	27	27	19.18 x 2.46	15.60 x 1.78
T O 12 HJOF	1.1/16"-12 UN	1.3/16"-12 UN	30	36	23.47 x 2.95	18.77 x 1.78
T O 16 HJOF	1.5/16"-12 UN	1.7/16"-12 UN	37	41	29.74 x 2.95	23.52 x 1.78
T O 20 HJOF	1.5/8"-12 UN	1.11/16"-12 UN	41	48	37.47 x 3.00	29.87 x 1.78
T O 24 HJOF	1.7/8"-12 UN	2"-12 UN	48	54	43.69 x 3.00	37.82 x 1.78

SW, S1, S2 = With across flats

T HMO HJOF**Screw-in socket, T shaped**

Connection 1: metric cylindrical outer thread
Sealing form 1: O-ring seal on screw-in socket
Connection 2 + 3: ORFS external threads
Sealing form 2 + 3: flat seal with O-ring
Design: Adjustable direction screw-in socket
Construction: T shaped
Material: Steel
Surface: electro galvanised

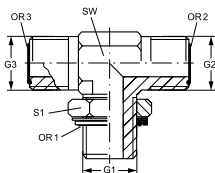


Identification	G1	G2 + G3	SW mm	S1	OR1	OR2 + OR3
T HMO 12 HJOF 04	M 12 x 1.5	9/16"-18 UNF	14	17	8.2 x 1.5	7.65 x 1.78
T HMO 16 HJOF 06	M 16 x 1.5	11/16"-16 UN	19	22	13.4 x 2.1	9.25 x 1.78
T HMO 18 HJOF 08	M 18 x 1.5	13/16"-16 UN	19	24	15.4 x 2.1	12.42 x 1.78
T HMO 22 HJOF 10	M 22 x 1.5	1" -14 UNS	27	27	19.4 x 2.1	15.60 x 1.78
T HMO 27 HJOF 12	M 27 x 2	1.3/16" -12 UN	30	32	23.7 x 2.8	18.77 x 1.78
T HMO 33 HJOF 16	M 33 x 2	1.7/16" -12 UN	36	41	29.7 x 2.8	23.52 x 1.78
T HMO 42 HJOF 20	M 42 x 2	1.11/16" -12 UN	41	50	38.7 x 2.8	29.87 x 1.78
T HMO 48 HJOF 24	M 48 x 2	2" -12 UN	48	55	46.7 x 2.8	37.82 x 1.78

SW, S1, S2 = With across flats

T HMOK HJOF

Screw-in socket, T shaped



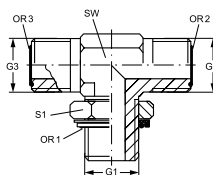
- Connection 1:** metric cylindrical outer thread
Sealing form 1: Thread socket with O-ring + spacer diaphragm ring
Connection 2 + 3: ORFS external threads
Sealing form 2 + 3: flat seal with O-ring
Design: Adjustable direction screw-in socket
Construction: T shaped
Material: Steel
Surface: electro galvanised

Identification	G1	G2 + G3	SW mm	S1	OR1	OR2 + OR3
T HMOK 12 HJOF 04	M 12 x 1.5	9/16"-18 UNF	14	17	9.4 x 2.1	7.66 x 1.78
T HMOK 16 HJOF 06	M 16 x 1.5	11/16"-16 UN	19	22	13.4 x 2.1	9.25 x 1.78
T HMOK 18 HJOF 08	M 18 x 1.5	13/16"-16 UN	19	24	15.4 x 2.1	12.42 x 1.78
T HMOK 22 HJOF 10	M 22 x 1.5	1" -14 UNS	27	27	19.4 x 2.1	15.60 x 1.78
T HMOK 27 HJOF 12	M 27 x 2	1.3/16" -12 UN	30	32	23.7 x 2.8	18.77 x 1.78
T HMOK 33 HJOF 16	M 33 x 2	1.7/16" -12 UN	36	41	29.7 x 2.8	23.52 x 1.78
T HMOK 42 HJOF 20	M 42 x 2	1.11/16" -12 UN	41	50	38.7 x 2.8	29.87 x 1.78
T HMOK 48 HJOF 24	M 48 x 2	2" -12 UN	48	55	46.7 x 2.8	37.82 x 1.78

SW, S1, S2 = With across flats

T HROK HJOF**Screw-in socket, T shaped**

Connection 1: BSP external thread, cylindrical
Sealing form 1: Thread socket with O-ring + spacer diaphragm ring
Connection 2 + 3: ORFS external threads
Sealing form 2 + 3: flat seal with O-ring
Design: Adjustable direction screw-in socket
Construction: T shaped
Material: Steel
Surface: electro galvanised

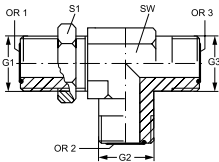


Identification	G1	G2 + G3	SW mm	S1	OR1	OR2 + OR3
T HROK 02 HJOF 04	G 1/8" -28	9/16"-18 UNF	14	14	8.00 x 2.00	7.65 x 1.78
T HROK 04 HJOF	G 1/4" -19	9/16"-18 UNF	19	19	10.77 x 2.62	7.65 x 1.78
T HROK 04 HJOF 06	G 1/4" -19	11/16"-16 UN	19	19	10.70 x 2.62	9.25 x 1.78
T HROK 06 HJOF	G 3/8" -19	11/16"-16 UN	19	22	13.94 x 2.62	9.25 x 1.78
T HROK 06 HJOF 08	G 3/8" -19	13/16"-16 UN	19	22	13.94 x 2.62	12.42 x 1.78
T HROK 08 HJOF	G 1/2" -14	13/16"-16 UN	27	27	17.86 x 2.62	12.42 x 1.78
T HROK 08 HJOF 10	G 1/2" -14	1" -14 UNS	27	27	17.86 x 2.62	15.60 x 1.78
T HROK 12 HJOF 10	G 3/4" -14	1" -14 UNS	30	36	23.47 x 2.62	15.60 x 1.78
T HROK 12 HJOF	G 3/4" -14	1.3/16" -12 UN	30	36	23.47 x 2.62	12.42 x 1.78
T HROK 16 HJOF	G 1" -11	1.7/16" -12 UN	36	41	29.75 x 3.53	23.52 x 1.78
T HROK 20 HJOF	G 1.1/4" -11	1.11/16" -12 UN	41	50	37.69 x 3.53	29.87 x 1.78
T HROK 24 HJOF	G 1.1/2" -11	2" -12 UN	50	55	44.04 x 3.53	37.82 x 1.78

SW, S1, S2 = With across flats

SL HJOF

Bulkhead fitting socket, T shaped

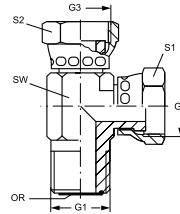


- Connection 1 - 3:**
Sealing form 1 - 3:
Design:
Construction:
Material:
Surface:
- ORFS external threads
flat seal with O-ring
Adjustable direction bulkhead fitting socket
L shaped
Steel
electro galvanised

Identification	G1 - G3	OR1 - OR3	SW mm	S1
SL HJOF 04	9/16"-18 UNF	7.66 x 1.78	14	22
SL HJOF 06	11/16" -16 UN	9.25 x 1.78	19	27
SL HJOF 08	13/16" -16 UN	12.42 x 1.78	19	30
SL HJOF 10	1" -14 UNS	15.60 x 1.78	27	32
SL HJOF 12	1.3/16" -12 UN	18.77 x 1.78	30	38
SL HJOF 16	1.7/16" -12 UN	23.52 x 1.78	37	46
SL HJOF 20	1.11/16" -12 UN	29.87 x 1.78	41	51
SL HJOF 24	2" -12 UN	37.82 x 1.78	48	60
SW, S1, S2 = With across flats				

L HJOF AJF**Screw-in socket, L shaped**

Connection 1: ORFS external threads
Sealing form 1: flat seal with O-ring
Connection 2 + 3: ORFS nut threads
Sealing form 2 + 3: Flat seal
Design: Adjustable direction screw-in socket
Construction: L shaped
Material: Steel
Surface: electro galvanised

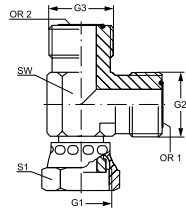


Identification	G1	G2 + G3	SW mm	S1 + S2 mm	OR
L HJOF 04 AJF	9/16"-18 UNF	9/16"-18 UNF	14	17	7.65 x 1.78
L HJOF 06 AJF	11/16"-16 UN	11/16"-16 UN	19	22	9.25 x 1.78
L HJOF 08 AJF	13/16"-16 UN	13/16"-16 UN	19	24	12.42 x 1.78
L HJOF 10 AJF	1" -14 UNS	1" -14 UNS	27	30	15.60 x 1.78
L HJOF 12 AJF	1.3/16" -12 UN	1.3/16" -12 UN	30	35	18.77 x 1.78
L HJOF 16 AJF	1.7/16" -12 UN	1.7/16" -12 UN	37	41	23.52 x 1.78

SW, S1, S2 = With across flats

L AJF HJOF

Screw-on socket, L shaped

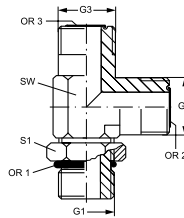


- Connection 1:**
Sealing form 1:
Connection 2 + 3:
Sealing form 2 + 3:
Design:
Construction:
Material:
Surface:
- ORFS nut threads
flat sealing
ORFS external threads
flat seal with O-ring
Adjustable direction screw-on socket
L shaped
Steel
electro galvanised

Identification	G1	G2 + G3	SW mm	S1	OR1 + OR2
L AJF 04 HJOF	9/16"-18 UNF	9/16"-18 UNF	14	17	7.66 x 1.78
L AJF 06 HJOF	11/16" -16 UN	11/16" -16 UN	19	22	9.25 x 1.78
L AJF 08 HJOF	13/16" -16 UN	13/16" -16 UN	19	24	12.42 x 1.78
L AJF 10 HJOF	1" -14 UNS	1" -14 UNS	27	30	15.60 x 1.78
L AJF 12 HJOF	1.3/16" -12 UN	1.3/16" -12 UN	30	36	18.77 x 1.78
L AJF 16 HJOF	1.7/16" -12 UN	1.7/16" -12 UN	36	41	23.52 x 1.78
L AJF 20 HJOF	1.11/16" -12 UN	1.11/16" -12 UN	41	50	29.87 x 1.78
L AJF 24 HJOF	2" -12 UN	2" -12 UN	48	60	37.82 x 1.78
SW, S1, S2 = With across flats					

L O HJOF**Screw-in socket, L shaped**

Connection 1: UN/UNF external threads
Sealing form 1: Shape F
Connection 2 + 3: ORFS external threads
Sealing form 2 + 3: flat seal with O-ring
Design: Adjustable direction screw-in socket
Construction: L shaped
Material: Steel
Surface: electro galvanised



Identification	G1	G2 + G3	SW mm	S1	OR1	OR2 + OR3
L O 04 HJOF	7/16"-20 UNF	9/16"-18 UNF	14	16	8.92 x 1.83	7.66 x 1.78
L O 06 HJOF	9/16"-18 UNF	11/16"-16 UN	19	19	11.89 x 1.98	9.25 x 1.78
L O 08 HJOF	3/4"-16 UNF	13/16"-16 UN	19	24	16.36 x 2.21	12.42 x 1.78
L O 10 HJOF	7/8"-14 UNF	1"-14 UNS	27	27	19.18 x 2.46	15.60 x 1.78
L O 12 HJOF	1.1/16"-12 UN	1.3/16"-12 UN	30	35	23.47 x 2.95	18.77 x 1.78
L O 16 HJOF	1.5/16"-12 UN	1.7/16"-12 UN	36	41	29.74 x 2.95	23.52 x 1.78
L O 20 HJOF	1.5/8"-12 UN	1.11/16"-12 UN	41	48	37.47 x 3.00	29.87 x 1.78
L O 24 HJOF	1.7/8"-12 UN	2"-12 UN	48	54	43.69 x 3.00	37.82 x 1.78

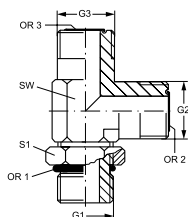
SW = Width across flats

Product versions:

L O HJOF VA - Screw-in socket, L shaped, Stainless steel

L HMO HJOF

Screw-in socket, L shaped



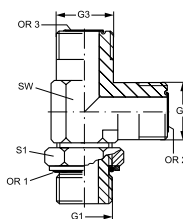
Connection 1: metric cylindrical outer thread
Sealing form 1: O-ring seal on screw-in socket
Connection 2 + 3: ORFS external threads
Sealing form 2 + 3: flat seal with O-ring
Design: Adjustable direction screw-in socket
Construction: L shaped
Material: Steel
Surface: electro galvanised

Identification	G1	G2 + G3	SW mm	S1	OR1	OR2 + OR3
L HMO 12 HJOF 04	M 12 x 1.5	9/16"-18 UNF	14	17	8.2 x 1.5	7.65 x 1.78
L HMO 16 HJOF 06	M 16 x 1.5	11/16"-16 UN	19	22	13.4 x 2.1	9.25 x 1.78
L HMO 18 HJOF 08	M 18 x 1.5	13/16"-16 UN	19	24	15.4 x 2.1	12.42 x 1.78
L HMO 22 HJOF 10	M 22 x 1.5	1" -14 UNS	27	27	19.4 x 2.1	15.60 x 1.78
L HMO 27 HJOF 12	M 27 x 2	1.3/16" -12 UN	30	32	23.7 x 2.8	18.77 x 1.78
L HMO 33 HJOF 16	M 33 x 2	1.7/16" -12 UN	36	41	29.7 x 2.8	23.52 x 1.78
L HMO 42 HJOF 20	M 42 x 2	1.11/16" -12 UN	41	50	38.7 x 2.8	29.87 x 1.78
L HMO 48 HJOF 24	M 48 x 2	2" -12 UN	48	55	46.7 x 2.8	37.82 x 1.78

SW, S1, S2 = With across flats

L HMOK HJOF**Screw-in socket, L shaped**

Connection 1: metric cylindrical outer thread
Sealing form 1: Thread socket with O-ring + spacer diaphragm ring
Connection 2 + 3: ORFS external threads
Sealing form 2 + 3: flat seal with O-ring
Design: Adjustable direction screw-in socket
Construction: L shaped
Material: Steel
Surface: electro galvanised

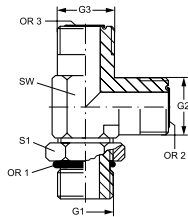


Identification	G1	G2 + G3	SW mm	S1	OR1	OR2 + OR3
L HMOK 12 HJOF 04	M 12 x 1.5	9/16"-18 UNF	14	17	9.4 x 2.1	7.66 x 1.78
L HMOK 16 HJOF 06	M 16 x 1.5	11/16" -16 UN	19	22	13.4 x 2.1	9.25 x 1.78
L HMOK 18 HJOF 08	M 18 x 1.5	13/16" -16 UN	19	24	15.4 x 2.1	12.42 x 1.78
L HMOK 22 HJOF 10	M 22 x 1.5	1" -14 UNS	27	27	19.4 x 2.1	15.60 x 1.78
L HMOK 27 HJOF 12	M 27 x 2	1.3/16" -12 UN	30	32	23.7 x 2.8	18.77 x 1.78
L HMOK 33 HJOF 16	M 33 x 2	1.7/16" -12 UN	36	41	29.7 x 2.8	23.52 x 1.78
L HMOK 42 HJOF 20	M 42 x 2	1.11/16" -12 UN	41	50	38.7 x 2.8	29.87 x 1.78
L HMOK 48 HJOF 24	M 48 x 2	2" -12 UN	48	55	46.7 x 2.8	37.82 x 1.78

SW, S1, S2 = With across flats

L HRO HJOF

Screw-in socket, L shaped

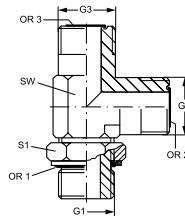


- Connection 1:** BSP external thread, cylindrical form G
Sealing form 1: ORFS external threads
Connection 2 + 3: ORFS external threads
Sealing form 2 + 3: flat seal with O-ring
Design: Adjustable direction screw-in socket
Construction: L shaped
Material: Steel
Surface: electro galvanised

Identification	G1	G2 + G3	SW mm	S1	OR1	OR2 + OR3
L HRO 12 HJOF 10	G 3/4" -14	1" -14 UNS	30	36	23.47 x 2.62	15.60 x 1.78
L HRO 16 HJOF 12	G 1" -11	1.3/16" -12 UN	36	41	29.75 x 3.53	18.77 x 1.78
SW, S1, S2 = With across flats						

L HROK HJOF**Screw-in socket, L shaped**

Connection 1: BSP external thread, cylindrical
Sealing form 1: Thread socket with O-ring + spacer
 diaphragm ring
Connection 2 + 3: ORFS external threads
Sealing form 2 + 3: flat seal with O-ring
Design: Adjustable direction screw-in socket
Construction: L shaped
Material: Steel
Surface: electro galvanised

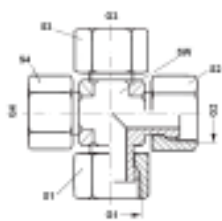


Identification	G1	G2 + G3	SW mm	S1	OR1	OR2 + OR3
L HROK 02 HJOF 04	G 1/8" -28	9/16"-18 UNF	14	14	8.00 x 2.00	7.65 x 1.78
L HROK 04 HJOF	G 1/4" -19	9/16"-18 UNF	19	19	10.77 x 2.62	7.65 x 1.78
L HROK 04 HJOF 06	G 1/4" -19	11/16" -16 UN	19	19	10.77 x 2.62	9.25 x 1.78
L HROK 06 HJOF	G 3/8" -19	11/16" -16 UN	19	22	13.94 x 2.62	9.25 x 1.78
L HROK 06 HJOF 08	G 3/8" -19	13/16" -16 UN	19	22	13.94 x 2.62	12.42 x 1.78
L HROK 08 HJOF	G 1/2" -14	13/16" -16 UN	27	27	17.86 x 2.62	12.42 x 1.78
L HROK 08 HJOF 10	G 1/2" -14	1" -14 UNS	27	27	17.86 x 2.62	15.60 x 1.78
L HROK 12 HJOF 10	G 3/4" -14	1" -14 UNS	30	36	23.47 x 2.62	15.60 x 1.78
L HROK 12 HJOF	G 3/4" -14	1.3/16" -12 UN	30	36	23.47 x 2.62	18.77 x 1.78
L HROK 16 HJOF 12	G 1" -11	1.3/16" -12 UN	36	41	29.75 x 3.53	18.77 x 1.78
L HROK 16 HJOF	G 1" -11	1.7/16" -12 UN	36	41	29.75 x 3.53	23.52 x 1.78
L HROK 20 HJOF	G 1.1/4" -11	1.11/16" -12 UN	41	50	37.69 x 3.53	29.87 x 1.78
L HROK 24 HJOF	G 1.1/2" -11	2" -12 UN	50	55	44.04 x 3.53	37.82 x 1.78

SW, S1, S2 = With across flats

KAJF

Connector, cross shaped



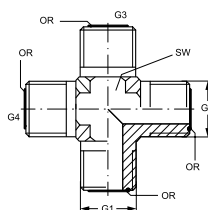
Connection 1 - 4: ORFS nut threads
Sealing form 1 - 4: Flat seal
Design: Connectors
Construction: K shaped
Material: Steel
Surface: electro galvanised

Identification	G1 - G4	SW mm	S1 - S4 mm
K AJF 04	9/16"-18 UNF	14	17
K AJF 06	11/16"-16 UN	19	22
K AJF 08	13/16"-16 UN	19	24
K AJF 10	1"-14 UNS	27	30
K AJF 12	1.3/16"-12 UN	30	36
K AJF 16	1.7/16"-12 UN	37	41

SW, S1, S2 = With across flats

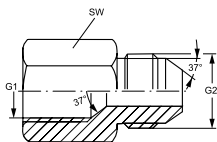
K HJOF**Fitting socket, cross shaped**

Connection 1 - 4: ORFS external threads
Sealing form 1 - 4: flat seal with O-ring
Design: Fitting socket
Construction: K shaped
Material: Steel
Surface: electro galvanised



Identification	G1 - G4	SW mm	OR1 - OR4
K HJOF 04	9/16"-18 UNF	14	7.66 x 1.78
K HJOF 06	11/16" -16 UN	19	9.25 x 1.78
K HJOF 08	13/16" -16 UN	19	12.42 x 1.78
K HJOF 10	1" -14 UNS	27	15.60 x 1.78
K HJOF 12	1.3/16" -12 UN	30	18.77 x 1.78
K HJOF 16	1.7/16" -12 UN	36	23.52 x 1.78
K HJOF 20	1.11/16" -12 UN	41	29.87 x 1.78
K HJOF 24	2" -12 UN	48	37.82 x 1.78

SW = Width across flats

GIJHJ**Connectors**

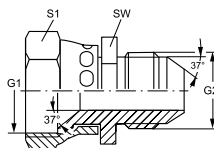
Connection 1: UN/UNF inner thread
Sealing form 1: 74° inner cone
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Connectors
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm
G IJ 04 HJ 06	7/16"-20 UNF	9/16"-18 UNF	17
G IJ 04 HJ 08	7/16"-20 UNF	3/4"-16 UNF	22
G IJ 04 HJ 10	7/16"-20 UNF	7/8"-14 UNF	24
G IJ 05 HJ 04	1/2"-20 UNF	7/16"-20 UNF	17
G IJ 05 HJ 06	1/2"-20 UNF	9/16"-18 UNF	17
G IJ 05 HJ 08	1/2"-20 UNF	3/4"-16 UNF	17
G IJ 06 HJ 04	9/16"-18 UNF	7/16"-20 UNF	19
G IJ 06 HJ 05	9/16"-18 UNF	1/2"-20 UNF	19
G IJ 06 HJ 08	9/16"-18 UNF	3/4"-16 UNF	19
G IJ 08 HJ 04	3/4"-16 UNF	7/16"-20 UNF	22
G IJ 08 HJ 06	3/4"-16 UNF	9/16"-18 UNF	22
G IJ 08 HJ 10	3/4"-16 UNF	7/8"-14 UNF	24
G IJ 08 HJ 12	3/4"-16 UNF	1.1/16" -12 UN	22
G IJ 10 HJ 04	7/8"-14 UNF	7/16"-20 UNF	27
G IJ 10 HJ 06	7/8"-14 UNF	9/16"-18 UNF	27
G IJ 10 HJ 08	7/8"-14 UNF	3/4"-16 UNF	27
G IJ 12 HJ 04	1.1/16" -12 UN	7/16"-20 UNF	32
G IJ 12 HJ 06	1.1/16" -12 UN	9/16"-18 UNF	32
G IJ 12 HJ 08	1.1/16" -12 UN	3/4"-16 UNF	32
G IJ 12 HJ 10	1.1/16" -12 UN	7/8"-14 UNF	32
G IJ 16 HJ 08	1.5/16" -12 UN	3/4"-16 UNF	41
G IJ 16 HJ 10	1.5/16" -12 UN	7/8"-14 UNF	41
G IJ 16 HJ 12	1.5/16" -12 UN	1.1/16" -12 UN	41
G IJ 20 HJ 12	1.5/8" -12 UN	1.1/16" -12 UN	50
G IJ 20 HJ 16	1.5/8" -12 UN	1.5/16" -12 UN	50
G IJ 24 HJ 20	1.7/8" -12 UN	1.5/8" -12 UN	60
G IJ 32 HJ 24	2.1/2" -12 UN	1.7/8" -12 UN	75

SW = Width across flats

G AJ HJ**Connectors**

Connection 1: UN/UNF nut threads
Sealing form 1: 74° inner cone
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Connectors
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	S1
G AJ 04 HJ	7/16"-20 UNF	7/16"-20 UNF	12	17
G AJ 04 HJ 06	7/16"-20 UNF	9/16"-18 UNF	17	17
G AJ 05 HJ 04	1/2"-20 UNF	7/16"-20 UNF	14	17
G AJ 05 HJ	1/2"-20 UNF	1/2"-20 UNF	14	17
G AJ 06 HJ 04	9/16"-18 UNF	7/16"-20 UNF	17	17
G AJ 06 HJ 05	9/16"-18 UNF	1/2"-20 UNF	17	19
G AJ 06 HJ	9/16"-18 UNF	9/16"-18 UNF	17	19
G AJ 06 HJ 08	9/16"-18 UNF	3/4"-16 UNF	22	19
G AJ 08 HJ 04	3/4"-16 UNF	7/16"-20 UNF	19	22
G AJ 08 HJ 05	3/4"-16 UNF	1/2"-20 UNF	22	22
G AJ 08 HJ 06	3/4"-16 UNF	9/16"-18 UNF	19	22
G AJ 08 HJ	3/4"-16 UNF	3/4"-16 UNF	22	24
G AJ 08 HJ 10	3/4"-16 UNF	7/8"-14 UNF	24	24
G AJ 08 HJ 12	3/4"-16 UNF	1.1/16" -12 UN	24	24
G AJ 10 HJ 04	7/8"-14 UNF	7/16"-20 UNF	19	27
G AJ 10 HJ 05	7/8"-14 UNF	1/2"-20 UNF	19	27
G AJ 10 HJ 06	7/8"-14 UNF	9/16"-18 UNF	24	27
G AJ 10 HJ 08	7/8"-14 UNF	3/4"-16 UNF	22	27
G AJ 10 HJ	7/8"-14 UNF	7/8"-14 UNF	24	27
G AJ 10 HJ 12	7/8"-14 UNF	1.1/16" -12 UN	28	27
G AJ 12 HJ 04	1.1/16" -12 UN	7/16"-20 UNF	24	32
G AJ 12 HJ 05	1.1/16" -12 UN	1/2"-20 UNF	24	32
G AJ 12 HJ 06	1.1/16" -12 UN	9/16"-18 UNF	27	32
G AJ 12 HJ 08	1.1/16" -12 UN	3/4"-16 UNF	29	32
G AJ 12 HJ 10	1.1/16" -12 UN	7/8"-14 UNF	27	32
G AJ 12 HJ	1.1/16" -12 UN	1.1/16" -12 UN	32	32
G AJ 12 HJ 16	1.1/16" -12 UN	1.5/16" -12 UN	27	32
G AJ 14 HJ 12	1.3/16" -12 UN	1.1/16" -12 UN	32	35
G AJ 16 HJ 08	1.5/16" -12 UN	3/4"-16 UNF	36	41
G AJ 16 HJ 10	1.5/16" -12 UN	7/8"-14 UNF	36	41
G AJ 16 HJ 12	1.5/16" -12 UN	1.1/16" -12 UN	36	41
G AJ 16 HJ 14	1.5/16" -12 UN	1.3/16" -12 UN	36	41
G AJ 16 HJ	1.5/16" -12 UN	1.5/16" -12 UN	36	41
G AJ 20 HJ 10	1.5/8" -12 UN	7/8"-14 UNF	46	50
G AJ 20 HJ 12	1.5/8" -12 UN	1.1/16" -12 UN	41	41
G AJ 20 HJ 14	1.5/8" -12 UN	1.3/16" -12 UN	46	50
G AJ 20 HJ 16	1.5/8" -12 UN	1.5/16" -12 UN	46	50
G AJ 20 HJ	1.5/8" -12 UN	1.5/8" -12 UN	46	50
G AJ 24 HJ 20	1.7/8" -12 UN	1.5/8" -12 UN	50	55
G AJ 24 HJ	1.7/8" -12 UN	1.7/8" -12 UN	50	55

SW, S1, S2 = With across flats

G AJ HJ

Connectors

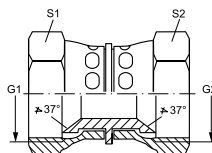
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Identification	G1	G2	SW mm	S1
G AJ 32 HJ 24	2.1/2" -12 UN	1.7/8" -12 UN	65	70
SW, S1, S2 = With across flats				

Product versions:
G AJ HJ VA - Connectors, Stainless steel

G AJ**Connectors**

Connection 1: UN/UNF nut threads
Sealing form 1: 74° inner cone
Connection 2: UN/UNF nut threads
Sealing form 2: 74° inner cone
Design: Connectors
Construction: straight
Material: Steel
Surface: electro galvanised

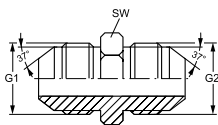


Identification	G1	G2	S1	S2
G AJ 04	7/16"-20 UNF	7/16"-20 UNF	14	14
G AJ 05	1/2"-20 UNF	1/2"-20 UNF	17	17
G AJ 06 AJ 04	9/16"-18 UNF	7/16"-20 UNF	19	14
G AJ 06 AJ 05	9/16"-18 UNF	1/2"-20 UNF	19	17
G AJ 06	9/16"-18 UNF	9/16"-18 UNF	19	19
G AJ 08 AJ 06	3/4"-16 UNF	9/16"-18 UNF	22	19
G AJ 08	3/4"-16 UNF	3/4"-16 UNF	22	22
G AJ 10 AJ 06	7/8"-14 UNF	9/16"-18 UNF	27	19
G AJ 10 AJ 08	7/8"-14 UNF	3/4"-16 UNF	27	22
G AJ 10	7/8"-14 UNF	7/8"-14 UNF	27	27
G AJ 12	1.1/16" -12 UN	1.1/16" -12 UN	32	32
G AJ 16 AJ 12	1.5/16" -12 UN	1.1/16" -12 UN	41	32
G AJ 16	1.5/16" -12 UN	1.5/16" -12 UN	41	41
G AJ 20	1.5/8" -12 UN	1.5/8" -12 UN	50	50
G AJ 24	1.7/8" -12 UN	1.7/8" -12 UN	60	60

SW, S1, S2 = With across flats

Product versions:

G AJ VA - Connectors, Stainless steel

G HJ**Connection sockets**

Connection 1: UN/UNF external threads
Sealing form 1: 74° outer cone
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Connection sockets
Construction: straight
Material: Steel
Surface: electro galvanised

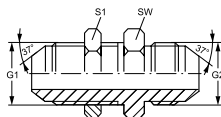
Identification	G1	G2	SW mm
G HJ 03	3/8"-24 UNF	3/8"-24 UNF	12
G HJ 03 HJ 04	3/8"-24 UNF	7/16"-20 UNF	12
G HJ 04	7/16"-20 UNF	7/16"-20 UNF	12
G HJ 04 HJ 05	7/16"-20 UNF	1/2"-20 UNF	14
G HJ 04 HJ 06	7/16"-20 UNF	9/16"-18 UNF	17
G HJ 04 HJ 08	7/16"-20 UNF	3/4"-16 UNF	19
G HJ 04 HJ 10	7/16"-20 UNF	7/8"-14 UNF	24
G HJ 05	1/2"-20 UNF	1/2"-20 UNF	14
G HJ 05 HJ 06	1/2"-20 UNF	9/16"-18 UNF	17
G HJ 05 HJ 08	1/2"-20 UNF	3/4"-16 UNF	19
G HJ 05 HJ 10	1/2"-20 UNF	7/8"-14 UNF	24
G HJ 06	9/16"-18 UNF	9/16"-18 UNF	17
G HJ 06 HJ 08	9/16"-18 UNF	3/4"-16 UNF	19
G HJ 06 HJ 10	9/16"-18 UNF	7/8"-14 UNF	24
G HJ 06 HJ 12	9/16"-18 UNF	1.1/16" -12 UN	27
G HJ 08	3/4"-16 UNF	3/4"-16 UNF	19
G HJ 08 HJ 10	3/4"-16 UNF	7/8"-14 UNF	24
G HJ 08 HJ 12	3/4"-16 UNF	1.1/16" -12 UN	27
G HJ 08 HJ 16	3/4"-16 UNF	1.5/16" -12 UN	36
G HJ 10	7/8"-14 UNF	7/8"-14 UNF	24
G HJ 10 HJ 12	7/8"-14 UNF	1.1/16" -12 UN	27
G HJ 10 HJ 16	7/8"-14 UNF	1.5/16" -12 UN	36
G HJ 12	1.1/16" -12 UN	1.1/16" -12 UN	27
G HJ 12 HJ 14	1.1/16" -12 UN	1.3/16" -12 UN	32
G HJ 12 HJ 16	1.1/16" -12 UN	1.5/16" -12 UN	36
G HJ 12 HJ 20	1.1/16" -12 UN	1.5/8" -12 UN	46
G HJ 14	1.3/16" -12 UN	1.3/16" -12 UN	32
G HJ 14 HJ 16	1.3/16" -12 UN	1.5/16" -12 UN	36
G HJ 16	1.5/16" -12 UN	1.5/16" -12 UN	36
G HJ 16 HJ 20	1.5/16" -12 UN	1.5/8" -12 UN	46
G HJ 16 HJ 24	1.5/16" -12 UN	1.7/8" -12 UN	50
G HJ 20	1.5/8" -12 UN	1.5/8" -12 UN	46
G HJ 20 HJ 24	1.5/8" -12 UN	1.7/8" -12 UN	50
G HJ 24	1.7/8" -12 UN	1.7/8" -12 UN	50
G HJ 32	2.1/2" -12 UN	2.1/2" -12 UN	65

SW = Width across flats

Product versions:**G HJ VA** - Connection sockets, Stainless steel

SV HJ**Bulkhead fitting socket**

Connection 1: UN/UNF external threads
Sealing form 1: 74° outer cone
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Bulkhead fitting socket
Construction: straight
Material: Steel
Surface: electro galvanised



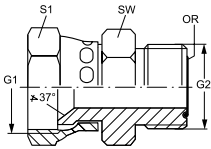
Identification	G1 + G2	SW mm	S1
SV HJ 04	7/16"-20 UNF	17	17
SV HJ 05	1/2"-20 UNF	19	19
SV HJ 06	9/16"-18 UNF	22	22
SV HJ 08	3/4"-16 UNF	24	24
SV HJ 10	7/8"-14 UNF	30	30
SV HJ 12	1.1/16"-12 UN	36	36
SV HJ 14	1.3/16"-12 UN	38	38
SV HJ 16	1.5/16"-12 UN	41	41
SV HJ 20	1.5/8"-12 UN	50	50
SV HJ 24	1.7/8"-12 UN	55	55
SV HJ 32	2.1/2"-12 UN	65	65
SW, S1, S2 = With across flats			

Product versions:

SV HJ VA - Bulkhead fitting socket, Stainless steel

G AJ HJOF

Connectors



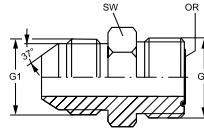
- Connection 1: UN/UNF nut threads
- Sealing form 1: 74° inner cone
- Connection 2: ORFS external threads
- Sealing form 2: flat seal with O-ring
- Design: Connectors
- Construction: straight
- Material: Steel
- Surface: electro galvanised

Identification	G1	G2	SW mm	S1	OR
G AJ 04 HJOF	7/16"-20 UNF	9/16"-18 UNF	16	14	7.65 x 1.78
G AJ 06 HJOF	9/16"-18 UNF	11/16"-16 UN	19	18	9.25 x 1.78
G AJ 08 HJOF	3/4"-16 UNF	13/16"-16 UN	22	22	12.42 x 1.78
G AJ 10 HJOF	7/8"-14 UNF	1"-14 UNS	27	25	15.60 x 1.78
G AJ 12 HJOF	1.1/16"-12 UN	1.3/16"-12 UN	32	32	18.77 x 1.78
G AJ 16 HJOF	1.5/16"-12 UN	1.7/16"-12 UN	38	38	23.52 x 1.78

SW, S1, S2 = With across flats

G HJ HJOF**Connection sockets**

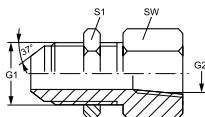
Connection 1: UN/UNF external threads
Sealing form 1: 74° outer cone
Connection 2: ORFS external threads
Sealing form 2: flat seal with O-ring
Design: Connection sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	OR
G HJ 04 HJOF	7/16"-20 UNF	9/16"-18 UNF	16	7.65 x 1.78
G HJ 05 HJOF 06	1/2"-20 UNF	11/16"-16 UN	19	9.25 x 1.78
G HJ 06 HJOF	9/16"-18 UNF	11/16"-16 UN	19	9.25 x 1.78
G HJ 08 HJOF	3/4"-16 UNF	13/16"-16 UN	22	12.42 x 1.78
G HJ 10 HJOF	7/8"-14 UNF	1"-14 UNS	27	15.60 x 1.78
G HJ 12 HJOF	1.1/16"-12 UN	1.3/16"-12 UN	32	18.77 x 1.78
G HJ 16 HJOF	1.5/16"-12 UN	1.7/16"-12 UN	38	23.52 x 1.78
G HJ 20 HJOF	1.5/8"-12 UN	1.11/16"-12 UN	45	29.87 x 1.78
G HJ 24 HJOF	1.7/8"-12 UN	2"-12 UN	54	37.82 x 1.78
SW = Width across flats				

SV HJ IN

Bulkhead fitting socket



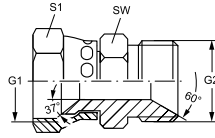
Connection 1: UN/UNF external threads
Sealing form 1: 74° outer cone
Connection 2: NPT internal thread
Sealing form 2: thread seal
Design: Bulkhead fitting socket
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm	S1
SV HJ 04 IN 02	7/16"-20 UNF	1/8" -27 NPT	17	17
SV HJ 04 IN	7/16"-20 UNF	1/4" -18 NPT	19	19
SV HJ 05 IN 02	1/2"-20 UNF	1/8" -27 NPT	21	17
SV HJ 05 IN 04	1/2"-20 UNF	1/4" -18 NPT	19	17
SV HJ 06 IN 02	9/16"-18 UNF	1/8" -27 NPT	17	21
SV HJ 06 IN 04	9/16"-18 UNF	1/4" -18 NPT	21	21
SV HJ 06 IN	9/16"-18 UNF	3/8" -18 NPT	25	21
SV HJ 08 IN 04	3/4"-16 UNF	1/4" -18 NPT	21	25
SV HJ 08 IN 06	3/4"-16 UNF	3/8" -18 NPT	25	25
SV HJ 08 IN	3/4"-16 UNF	1/2" -14 NPT	29	25
SV HJ 10 IN 08	7/8"-14 UNF	1/2" -14 NPT	29	29
SV HJ 12 IN 08	1.1/16" -12 UN	1/2" -14 NPT	29	35
SV HJ 12 IN	1.1/16" -12 UN	3/4" -14 NPT	35	35
SV HJ 14 IN 12	1.3/16" -12 UN	3/4" -14 NPT	35	41
SV HJ 16 IN	1.5/16" -12 UN	1" -11.5 NPT	41	41
SV HJ 20 IN	1.5/8" -12 UN	1.1/4" -11.5 NPT	46	46
SV HJ 24 IN	1.7/8" -12 UN	1.1/2" -11.5 NPT	50	50

SW, S1, S2 = With across flats

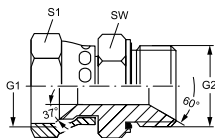
G AJ HB**Connectors**

Connection 1: UN/UNF nut threads
Sealing form 1: 74° inner cone
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Connectors
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	S1
G AJ 04 HB 02	7/16"-20 UNF	G 1/8" -28	14	17
G AJ 04 HB	7/16"-20 UNF	G 1/4" -19	19	17
G AJ 04 HB 06	7/16"-20 UNF	G 3/8" -19	22	17
G AJ 04 HB 08	7/16"-20 UNF	G 1/2" -14	27	17
G AJ 05 HB 04	1/2"-20 UNF	G 1/4" -19	19	17
G AJ 06 HB 04	9/16"-18 UNF	G 1/4" -19	19	19
G AJ 06 HB	9/16"-18 UNF	G 3/8" -19	22	19
G AJ 06 HB 08	9/16"-18 UNF	G 1/2" -14	27	19
G AJ 08 HB 04	3/4"-16 UNF	G 1/4" -19	19	24
G AJ 08 HB 06	3/4"-16 UNF	G 3/8" -19	22	24
G AJ 08 HB	3/4"-16 UNF	G 1/2" -14	27	24
G AJ 08 HB 12	3/4"-16 UNF	G 3/4" -14	32	24
G AJ 10 HB 06	7/8"-14 UNF	G 3/8" -19	22	27
G AJ 10 HB 08	7/8"-14 UNF	G 1/2" -14	27	27
G AJ 10 HB	7/8"-14 UNF	G 5/8" -14	30	27
G AJ 10 HB 12	7/8"-14 UNF	G 3/4" -14	32	27
G AJ 12 HB 08	1.1/16" -12 UN	G 1/2" -14	27	32
G AJ 12 HB	1.1/16" -12 UN	G 3/4" -14	32	32
G AJ 12 HB 16	1.1/16" -12 UN	G 1" -11	41	32
G AJ 16 HB 12	1.5/16" -12 UN	G 3/4" -14	32	41
G AJ 16 HB	1.5/16" -12 UN	G 1" -11	41	41
G AJ 20 HB	1.5/8" -12 UN	G 1.1/4" -11	50	50
G AJ 24 HB	1.7/8" -12 UN	G 1.1/2" -11	55	55
G AJ 32 HB	2.1/2" -12 UN	G 2" -11	70	70

SW, S1, S2 = With across flats

G AJ HBED VA**Connectors**

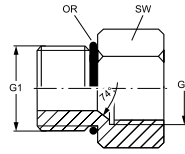
Connection 1: UN/UNF nut threads
Sealing form 1: 74° inner cone
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone + shape E
Design: Connectors
Construction: straight
Material: Stainless steel

Identification	G1	G2	SW mm	S1
G AJ 04 HB 02 ED VA	7/16"-20 UNF	G 1/8" -28	14	17
G AJ 04 HBED VA	7/16"-20 UNF	G 1/4" -19	19	17
G AJ 05 HB 04 ED VA	1/2"-20 UNF	G 1/4" -19	19	17
G AJ 06 HB 04 ED VA	9/16"-18 UNF	G 1/4" -19	19	19
G AJ 06 HBED VA	9/16"-18 UNF	G 3/8" -19	22	19
G AJ 08 HB 06 ED VA	3/4"-16 UNF	G 3/8" -19	32	24
G AJ 08 HBED VA	3/4"-16 UNF	G 1/2" -14	27	24
G AJ 10 HB 08 ED VA	7/8"-14 UNF	G 1/2" -14	27	27
G AJ 12 HBED VA	1.1/16" -12 UN	G 3/4" -14	32	32
G AJ 12 HB 16 ED VA	1.1/16" -12 UN	G 1" -11	41	32
G AJ 16 HB 12 ED VA	1.5/16" -12 UN	G 3/4" -14	32	41
G AJ 16 HBED VA	1.5/16" -12 UN	G 1" -11	41	41
G AJ 20 HB 16 ED VA	1.5/8" -12 UN	G 1" -11	41	50
G AJ 20 HBED VA	1.5/8" -12 UN	G 1.1/4" -11	50	50
G AJ 24 HB 20 ED VA	1.7/8" -12 UN	G 1.1/4" -11	50	55
G AJ 24 HBED VA	1.7/8" -12 UN	G 1.1/2" -11	55	55

SW, S1, S2 = With across flats

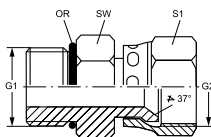
GE O IJ**Screw-in sockets**

Connection 1: UN/UNF external threads
Sealing form 1: O-ring seal on screw-in socket
Connection 2: UN/UNF inner thread
Sealing form 2: 74° inner cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	OR
GE O 06 IJ 08	9/16"-18 UNF	3/4"-16 UNF	27	11.90 x 1.98
GE O 10 IJ 08	7/8"-14 UNF	3/4"-16 UNF	25	19.18 x 2.46
GE O 10 IJ 12	7/8"-14 UNF	1.1/16"-12 UN	35	19.18 x 2.46
GE O 12 IJ 08	1.1/16"-12 UN	3/4"-16 UNF	32	23.47 x 2.95
GE O 12 IJ 10	1.1/16"-12 UN	7/8"-14 UNF	32	23.47 x 2.95
GE O 16 IJ 12	1.5/16"-12 UN	1.1/16"-12 UN	38	29.74 x 2.95

SW = Width across flats

GE O AJ**Screw-in sockets**

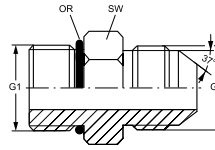
Connection 1: UN/UNF external threads
Sealing form 1: O-ring seal on screw-in socket
Connection 2: UN/UNF nut threads
Sealing form 2: 74° inner cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm	S1	OR
GE O 04 AJ	7/16"-20 UNF	7/16"-20 UNF	14	16	8.92 x 1.83
GE O 05 AJ 04	1/2"-20 UNF	7/16"-20 UNF	17	16	10.52 x 1.83
GE O 05 AJ	1/2"-20 UNF	1/2"-20 UNF	17	17	10.52 x 1.83
GE O 06 AJ 04	9/16"-18 UNF	7/16"-20 UNF	17	16	11.90 x 1.98
GE O 06 AJ	9/16"-18 UNF	9/16"-18 UNF	17	19	11.90 x 1.98
GE O 06 AJ 08	9/16"-18 UNF	3/4"-16 UNF	17	22	10.89 x 1.98
GE O 08 AJ 06	3/4"-16 UNF	9/16"-18 UNF	22	19	16.36 x 2.20
GE O 08 AJ	3/4"-16 UNF	3/4"-16 UNF	22	22	16.36 x 2.20
GE O 08 AJ 10	3/4"-16 UNF	7/8"-14 UNF	22	27	16.36 x 2.20
GE O 08 AJ 12	3/4"-16 UNF	1.1/16"-12 UN	22	32	16.36 x 2.20
GE O 10 AJ 08	7/8"-14 UNF	3/4"-16 UNF	27	22	19.18 x 2.46
GE O 10 AJ	7/8"-14 UNF	7/8"-14 UNF	27	27	19.18 x 2.46
GE O 10 AJ 12	7/8"-14 UNF	1.1/16"-12 UN	27	32	19.18 x 2.46
GE O 12 AJ 08	1.1/16"-12 UN	3/4"-16 UNF	32	22	23.47 x 2.95
GE O 12 AJ 10	1.1/16"-12 UN	7/8"-14 UNF	32	27	23.47 x 2.95
GE O 12 AJ	1.1/16"-12 UN	1.1/16"-12 UN	32	32	23.47 x 2.95
GE O 12 AJ 16	1.1/16"-12 UN	1.5/16"-12 UN	32	38	23.47 x 2.95
GE O 14 AJ	1.3/16"-12 UN	1.3/16"-12 UN	41	36	26.59 x 2.95
GE O 16 AJ 12	1.5/16"-12 UN	1.1/16"-12 UN	41	32	29.74 x 2.95
GE O 16 AJ	1.5/16"-12 UN	1.5/16"-12 UN	41	38	29.74 x 2.95
GE O 20 AJ 16	1.5/8"-12 UN	1.5/16"-12 UN	50	38	37.47 x 3.00
GE O 20 AJ	1.5/8"-12 UN	1.5/8"-12 UN	50	50	37.47 x 3.00
GE O 24 AJ	1.7/8"-12 UN	1.7/8"-12 UN	54	60	43.69 x 3.00

SW, S1, S2 = With across flats

GEO HJ**Screw-in sockets**

Connection 1: UN/UNF external threads
Sealing form 1: O-ring seal on screw-in socket
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	OR
GEO 03 HJ 04	3/8"-24 UNF	7/16"-20 UNF	14	7.65 x 1.78
GEO 04 HJ	7/16"-20 UNF	7/16"-20 UNF	14	8.92 x 1.83
GEO 04 HJ 05	7/16"-20 UNF	1/2"-20 UNF	14	8.92 x 1.83
GEO 04 HJ 06	7/16"-20 UNF	9/16"-18 UNF	16	8.92 x 1.83
GEO 05 HJ 04	1/2"-20 UNF	7/16"-20 UNF	16	10.52 x 1.83
GEO 05 HJ	1/2"-20 UNF	1/2"-20 UNF	16	10.52 x 1.83
GEO 05 HJ 06	1/2"-20 UNF	9/16"-18 UNF	16	10.52 x 1.83
GEO 06 HJ 04	9/16"-18 UNF	7/16"-20 UNF	17	11.90 x 1.98
GEO 06 HJ 05	9/16"-18 UNF	1/2"-20 UNF	17	11.90 x 1.98
GEO 06 HJ	9/16"-18 UNF	9/16"-18 UNF	17	11.90 x 1.98
GEO 06 HJ 08	9/16"-18 UNF	3/4"-16 UNF	19	11.90 x 1.98
GEO 08 HJ 04	3/4"-16 UNF	7/16"-20 UNF	22	16.36 x 2.20
GEO 08 HJ 05	3/4"-16 UNF	1/2"-20 UNF	22	16.36 x 2.20
GEO 08 HJ 06	3/4"-16 UNF	9/16"-18 UNF	22	16.36 x 2.20
GEO 08 HJ	3/4"-16 UNF	3/4"-16 UNF	22	16.36 x 2.20
GEO 08 HJ 10	3/4"-16 UNF	7/8"-14 UNF	24	16.36 x 2.20
GEO 08 HJ 12	3/4"-16 UNF	1.1/16" -12 UN	29	16.36 x 2.20
GEO 10 HJ 08	7/8"-14 UNF	3/4"-16 UNF	27	19.18 x 2.46
GEO 10 HJ 06	7/8"-14 UNF	9/16"-18 UNF	25	19.18 x 2.46
GEO 10 HJ	7/8"-14 UNF	7/8"-14 UNF	27	19.18 x 2.46
GEO 10 HJ 12	7/8"-14 UNF	1.1/16" -12 UN	27	19.18 x 2.46
GEO 10 HJ 16	7/8"-14 UNF	1.5/16" -12 UN	35	19.18 x 2.46
GEO 12 HJ 06	1.1/16" -12 UN	9/16"-18 UNF	32	23.47 x 2.95
GEO 12 HJ 08	1.1/16" -12 UN	3/4"-16 UNF	32	23.47 x 2.95
GEO 12 HJ 10	1.1/16" -12 UN	7/8"-14 UNF	32	23.47 x 2.95
GEO 12 HJ	1.1/16" -12 UN	1.1/16" -12 UN	32	23.47 x 2.95
GEO 12 HJ 16	1.1/16" -12 UN	1.5/16" -12 UN	36	23.47 x 2.95
GEO 14 HJ 12	1.3/16" -12 UN	1.1/16" -12 UN	35	26.59 x 2.95
GEO 14 HJ	1.3/16" -12 UN	1.3/16" -12 UN	35	26.59 x 2.95
GEO 16 HJ 10	1.5/16" -12 UN	7/8"-14 UNF	41	29.74 x 2.95
GEO 16 HJ 12	1.5/16" -12 UN	1.1/16" -12 UN	38	29.74 x 2.95
GEO 16 HJ	1.5/16" -12 UN	1.5/16" -12 UN	38	29.74 x 2.95
GEO 16 HJ 20	1.5/16" -12 UN	1.5/8" -12 UN	43	29.74 x 2.95
GEO 16 HJ 24	1.5/16" -12 UN	1.7/8" -12 UN	55	29.74 x 2.95
GEO 20 HJ 16	1.5/8" -12 UN	1.5/16" -12 UN	35	37.47 x 3.00
GEO 20 HJ	1.5/8" -12 UN	1.5/8" -12 UN	50	37.47 x 3.00
GEO 20 HJ 24	1.5/8" -12 UN	1.7/8" -12 UN	51	37.47 x 3.00
GEO 24 HJ 20	1.7/8" -12 UN	1.5/8" -12 UN	51	43.69 x 3.00
GEO 24 HJ	1.7/8" -12 UN	1.7/8" -12 UN	55	43.69 x 3.00

SW = Width across flats

GE O HJ

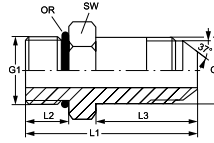
Screw-in sockets (Continued)

Identification	G1	G2	SW mm	OR
GE O 32 HJ	2.1/2" -12 UN	2.1/2" -12 UN	70	43.69 x 3.00
SW = Width across flats				

Product versions:
GE O HJ VA - Screw-in sockets, Stainless steel

GEOLHJ**Screw-in socket, long**

Connection 1: UN/UNF external threads
Sealing form 1: O-ring seal on screw-in socket
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Screw-in socket, long
Construction: straight
Material: Steel
Surface: electro galvanised

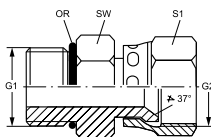


Identification	G1	G2	L1 mm	L2 mm	L3 mm	SW mm	OR
GEOL04HJ	7/16"-20 UNF	7/16"-20 UNF	52,8	9,5	35	17	8.92 x 1.83
GEOL05HJ04	1/2"-20 UNF	7/16"-20 UNF	52,5	9,5	35	19	10.52 x 1.83
GEOL05HJ	1/2"-20 UNF	1/2"-20 UNF	54,5	9,5	37	19	10.52 x 1.83
GEOL06HJ04	9/16"-18 UNF	7/16"-20 UNF	54,5	10,0	35	21	11.90 x 1.98
GEOL06HJ	9/16"-18 UNF	9/16"-18 UNF	58,5	10,0	39	21	11.90 x 1.98
GEOL08HJ06	3/4"-16 UNF	9/16"-18 UNF	60,0	9,5	39	26	16.36 x 2.20
GEOL08HJ	3/4"-16 UNF	3/4"-16 UNF	68,5	10,0	48	26	16.36 x 2.20
GEOL08HJ10	3/4"-16 UNF	7/8"-14 UNF	74,5	13,0	53	36	16.36 x 2.20
GEOL08HJ12	3/4"-16 UNF	1.1/16"-12 UN	86,5	13,0	63	36	16.36 x 2.20
GEOL10HJ08	7/8"-14 UNF	3/4"-16 UNF	71,5	11,5	48	30	19.18 x 2.46
GEOL10HJ	7/8"-14 UNF	7/8"-14 UNF	77,0	15,5	53	30	19.18 x 2.46
GEOL10HJ12	7/8"-14 UNF	1.1/16"-12 UN	88,0	15,5	63	36	19.18 x 2.46
GEOL12HJ08	1.1/16"-12 UN	3/4"-16 UNF	76,0	11,5	48	36	23.47 x 2.95
GEOL12HJ10	1.1/16"-12 UN	7/8"-14 UNF	81,5	11,5	53	36	23.47 x 2.95
GEOL12HJ	1.1/16"-12 UN	1.1/16"-12 UN	91,5	11,5	63	36	23.47 x 2.95
GEOL12HJ16	1.1/16"-12 UN	1.5/16"-12 UN	100,0	15,5	72	45	23.47 x 2.95
GEOL14HJ	1.3/16"-12 UN	1.3/16"-12 UN	96,5	15,5	68	40	26.59 x 2.95
GEOL16HJ12	1.5/16"-12 UN	1.1/16"-12 UN	92,5	13,0	63	45	29.74 x 2.95
GEOL16HJ	1.5/16"-12 UN	1.5/16"-12 UN	101,0	15,5	72	45	29.74 x 2.95
GEOL20HJ16	1.5/8"-12 UN	1.5/16"-12 UN	102,0	15,5	72	55	37.47 x 3.00
GEOL20HJ	1.5/8"-12 UN	1.5/8"-12 UN	119,0	15,5	88	55	37.47 x 3.00
GEOL24HJ	1.7/8"-12 UN	1.7/8"-12 UN	131,0	15,5	98	62	43.69 x 3.00

SW = Width across flats

GE HMO AJ

Screw-in sockets



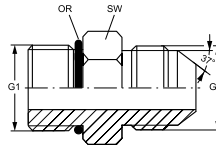
Connection 1: metric cylindrical outer thread
Sealing form 1: O-ring seal on screw-in socket
Connection 2: UN/UNF nut threads
Sealing form 2: 74° inner cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm	S1	OR
GE HMO 10 AJ 04	M 10 x 1	7/16"-20 UNF	14	16	8.2 x 1.5
GE HMO 10 AJ 05	M 10 x 1	1/2"-20 UNF	14	17	8.2 x 1.5
GE HMO 12 AJ 04	M 12 x 1.5	7/16"-20 UNF	17	16	9.4 x 2.1
GE HMO 12 AJ 05	M 12 x 1.5	1/2"-20 UNF	17	17	9.4 x 2.1
GE HMO 14 AJ 05	M 14 x 1.5	1/2"-20 UNF	19	17	11.4 x 2.1
GE HMO 14 AJ 06	M 14 x 1.5	9/16"-18 UNF	19	19	11.4 x 2.1
GE HMO 16 AJ 06	M 16 x 1.5	9/16"-18 UNF	22	19	13.4 x 2.1
GE HMO 16 AJ 08	M 16 x 1.5	3/4"-16 UNF	22	22	13.4 x 2.1
GE HMO 18 AJ 08	M 18 x 1.5	3/4"-16 UNF	24	22	15.4 x 2.1
GE HMO 18 AJ 10	M 18 x 1.5	7/8"-14 UNF	24	27	15.4 x 2.1
GE HMO 22 AJ 10	M 22 x 1.5	7/8"-14 UNF	27	27	19.4 x 2.1
GE HMO 22 AJ 12	M 22 x 1.5	1.1/16"-12 UN	27	32	19.4 x 2.1
GE HMO 27 AJ 12	M 27 x 2	1.1/16"-12 UN	32	32	23.7 x 2.8
GE HMO 27 AJ 16	M 27 x 2	1.5/16"-12 UN	32	38	23.7 x 2.8
GE HMO 33 AJ 16	M 33 x 2	1.5/16"-12 UN	41	38	29.7 x 2.8
GE HMO 42 AJ 20	M 42 x 2	1.5/8"-12 UN	50	50	38.7 x 2.8
GE HMO 48 AJ 24	M 48 x 2	1.7/8"-12 UN	60	60	46.7 x 2.8

SW, S1, S2 = With across flats

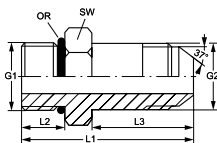
GE HMO HJ**Screw-in sockets**

Connection 1: metric cylindrical outer thread
Sealing form 1: O-ring seal on screw-in socket
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	OR
GE HMO 10 HJ 04	M 10 x 1	7/16"-20 UNF	14	8.1 x 1.6
GE HMO 10 HJ 05	M 10 x 1	1/2"-20 UNF	14	8.1 x 1.6
GE HMO 12 HJ 04	M 12 x 1.5	7/16"-20 UNF	17	9.3 x 2.2
GE HMO 12 HJ 05	M 12 x 1.5	1/2"-20 UNF	17	9.3 x 2.2
GE HMO 14 HJ 05	M 14 x 1.5	1/2"-20 UNF	19	11.3 x 2.2
GE HMO 14 HJ 06	M 14 x 1.5	9/16"-18 UNF	19	11.3 x 2.2
GE HMO 14 HJ 08	M 14 x 1.5	3/4"-16 UNF	19	11.3 x 2.2
GE HMO 16 HJ 06	M 16 x 1.5	9/16"-18 UNF	22	13.3 x 2.2
GE HMO 16 HJ 08	M 16 x 1.5	3/4"-16 UNF	22	13.3 x 2.2
GE HMO 18 HJ 06	M 18 x 1.5	9/16"-18 UNF	24	15.3 x 2.2
GE HMO 18 HJ 08	M 18 x 1.5	3/4"-16 UNF	24	15.3 x 2.2
GE HMO 18 HJ 10	M 18 x 1.5	7/8"-14 UNF	24	15.3 x 2.2
GE HMO 22 HJ 10	M 22 x 1.5	7/8"-14 UNF	27	19.3 x 2.2
GE HMO 22 HJ 12	M 22 x 1.5	1.1/16" -12 UN	27	19.3 x 2.2
GE HMO 27 HJ 12	M 27 x 2	1.1/16" -12 UN	32	23.6 x 2.9
GE HMO 27 HJ 16	M 27 x 2	1.5/16" -12 UN	36	23.6 x 2.9
GE HMO 33 HJ 16	M 33 x 2	1.5/16" -12 UN	41	29.6 x 2.9
GE HMO 42 HJ 20	M 42 x 2	1.5/8" -12 UN	50	38.6 x 2.9
GE HMO 48 HJ 24	M 48 x 2	1.7/8" -12 UN	55	44.6 x 2.9

SW = Width across flats

GE HMO L HJ**Screw-in socket, long**

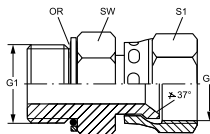
Connection 1: metric cylindrical outer thread
Sealing form 1: O-ring seal on screw-in socket
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Screw-in socket, long
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	L1 mm	L2 mm	L3 mm	SW mm	OR
GE HMO L 10 HJ 04	M 10 x 1	7/16"-20 UNF	51,0	9,0	35	15	8.00 x 1.50
GE HMO L 10 HJ 05	M 10 x 1	1/2"-20 UNF	53,0	9,0	37	15	8.00 x 1.50
GE HMO L 12 HJ 05	M 12 x 1.5	1/2"-20 UNF	55,5	11,0	37	18	9.30 x 2.40
GE HMO L 14 HJ 05	M 14 x 1.5	1/2"-20 UNF	56,5	11,0	37	20	11.30 x 2.40
GE HMO L 14 HJ 06	M 14 x 1.5	9/16"-18 UNF	58,5	11,0	39	20	11.30 x 2.40
GE HMO L 16 HJ 06	M 16 x 1.5	9/16"-18 UNF	60,0	12,5	39	23	13.30 x 2.40
GE HMO L 16 HJ 08	M 16 x 1.5	3/4"-16 UNF	69,0	12,5	48	23	13.30 x 2.40
GE HMO L 18 HJ 08	M 18 x 1.5	3/4"-16 UNF	70,5	13,5	48	25	15.30 x 2.40
GE HMO L 18 HJ 10	M 18 x 1.5	7/8"-14 UNF	75,5	13,5	53	25	15.30 x 2.40
GE HMO L 22 HJ 10	M 22 x 1.5	7/8"-14 UNF	78,0	15,0	53	28	19.30 x 2.40
GE HMO L 22 HJ 12	M 22 x 1.5	1.1/16"-12 UN	89,0	15,0	63	28	19.30 x 2.40
GE HMO L 27 HJ 12	M 27 x 2	1.1/16"-12 UN	92,5	18,5	63	32	23.47 x 2.95
GE HMO L 27 HJ 16	M 27 x 2	1.5/16"-12 UN	102,0	18,5	72	32	23.47 x 2.95
GE HMO L 33 HJ 16	M 33 x 2	1.5/16"-12 UN	102,5	18,5	72	42	29.74 x 2.95
GE HMO L 42 HJ 20	M 42 x 2	1.5/8"-12 UN	121,0	19,0	88	50	38.00 x 3.00
GE HMO L 48 HJ 24	M 48 x 2	1.7/8"-12 UN	136,0	22,0	98	56	44.04 x 3.00

SW = Width across flats

GE HMOK AJ**Screw-in sockets**

Connection 1: metric cylindrical outer thread
Sealing form 1: Thread socket with O-ring + spacer
 diaphragm ring
Connection 2: UN/UNF nut threads
Sealing form 2: 74° inner cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

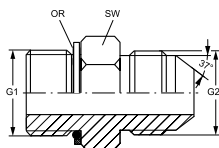


Identification	G1	G2	SW mm	S1	OR
GE HMOK 10 AJ 04	M 10 x 1	7/16"-20 UNF	14	16	8.0 x 1.5
GE HMOK 10 AJ 05	M 10 x 1	1/2"-20 UNF	14	17	8.0 x 1.5
GE HMOK 12 AJ 04	M 12 x 1.5	7/16"-20 UNF	17	16	9.3 x 2.4
GE HMOK 12 AJ 05	M 12 x 1.5	1/2"-20 UNF	17	17	9.3 x 2.4
GE HMOK 14 AJ 05	M 14 x 1.5	1/2"-20 UNF	19	17	11.3 x 2.4
GE HMOK 14 AJ 06	M 14 x 1.5	9/16"-18 UNF	19	19	11.3 x 2.4
GE HMOK 16 AJ 06	M 16 x 1.5	9/16"-18 UNF	22	19	13.3 x 2.4
GE HMOK 16 AJ 08	M 16 x 1.5	3/4"-16 UNF	22	22	13.3 x 2.4
GE HMOK 18 AJ 08	M 18 x 1.5	3/4"-16 UNF	24	22	15.3 x 2.4
GE HMOK 18 AJ 10	M 18 x 1.5	7/8"-14 UNF	24	27	15.3 x 2.4
GE HMOK 20 AJ 10	M 20 x 1.5	7/8"-14 UNF	27	27	17.3 x 2.4
GE HMOK 22 AJ 10	M 22 x 1.5	7/8"-14 UNF	27	27	19.3 x 2.4
GE HMOK 22 AJ 12	M 22 x 1.5	1.1/16"-12 UN	27	32	19.3 x 2.4
GE HMOK 26 AJ 14	M 26 x 1.5	1.3/16"-12 UN	32	40	23.5 x 2.6
GE HMOK 27 AJ 12	M 27 x 2	1.1/16"-12 UN	32	32	23.6 x 2.9
GE HMOK 27 AJ 16	M 27 x 2	1.5/16"-12 UN	32	38	23.6 x 2.9
GE HMOK 33 AJ 16	M 33 x 2	1.5/16"-12 UN	41	38	29.5 x 3.0
GE HMOK 42 AJ 20	M 42 x 2	1.5/8"-12 UN	50	50	38.0 x 3.0
GE HMOK 48 AJ 24	M 48 x 2	1.7/8"-12 UN	60	60	44.0 x 3.0

SW, S1, S2 = With across flats

GE HMOK HJ

Screw-in sockets



Connection 1:
Sealing form 1:

metric cylindrical outer thread
Thread socket with O-ring + spacer
diaphragm ring

Connection 2:
Sealing form 2:

UN/UNF external threads
74° outer cone

Design:

Screw-in sockets

Construction:

straight

Material:

Steel

Surface:

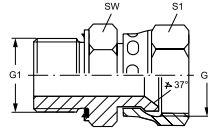
electro galvanised

Identification	G1	G2	SW mm	OR
GE HMOK 10 HJ 04	M 10 x 1	7/16"-20 UNF	14	8.00 x 1.50
GE HMOK 10 HJ 05	M 10 x 1	1/2"-20 UNF	14	8.00 x 1.50
GE HMOK 12 HJ 04	M 12 x 1.5	7/16"-20 UNF	17	9.30 x 2.30
GE HMOK 12 HJ 05	M 12 x 1.5	1/2"-20 UNF	19	9.30 x 2.30
GE HMOK 14 HJ 05	M 14 x 1.5	1/2"-20 UNF	19	11.30 x 2.30
GE HMOK 14 HJ 06	M 14 x 1.5	9/16"-18 UNF	19	11.30 x 2.30
GE HMOK 14 HJ 08	M 14 x 1.5	3/4"-16 UNF	19	11.30 x 2.30
GE HMOK 16 HJ 06	M 16 x 1.5	9/16"-18 UNF	22	13.30 x 2.30
GE HMOK 16 HJ 08	M 16 x 1.5	3/4"-16 UNF	22	13.30 x 2.30
GE HMOK 18 HJ 08	M 18 x 1.5	3/4"-16 UNF	24	15.30 x 2.30
GE HMOK 18 HJ 10	M 18 x 1.5	7/8"-14 UNF	24	15.30 x 2.30
GE HMOK 18 HJ 12	M 18 x 1.5	1.1/16"-12 UN	27	15.30 x 2.30
GE HMOK 20 HJ 10	M 20 x 1.5	7/8"-14 UNF	27	17.30 x 2.30
GE HMOK 22 HJ 08	M 22 x 1.5	3/4"-16 UNF	27	19.30 x 2.30
GE HMOK 22 HJ 10	M 22 x 1.5	7/8"-14 UNF	27	19.30 x 2.30
GE HMOK 22 HJ 12	M 22 x 1.5	1.1/16"-12 UN	27	19.30 x 2.30
GE HMOK 26 HJ 08	M 26 x 1.5	3/4"-16 UNF	27	23.50 x 2.60
GE HMOK 26 HJ 12	M 26 x 1.5	1.1/16"-12 UN	32	23.50 x 2.60
GE HMOK 26 HJ 14	M 26 x 1.5	1.3/16"-12 UN	32	23.50 x 2.60
GE HMOK 26 HJ 16	M 26 x 1.5	1.5/16"-12 UN	36	23.50 x 2.60
GE HMOK 27 HJ 12	M 27 x 2	1.1/16"-12 UN	32	23.47 x 2.95
GE HMOK 27 HJ 16	M 27 x 2	1.5/16"-12 UN	36	23.47 x 2.95
GE HMOK 33 HJ 16	M 33 x 2	1.5/16"-12 UN	41	29.74 x 2.95
GE HMOK 42 HJ 20	M 42 x 2	1.5/8"-12 UN	50	38.00 x 3.00
GE HMOK 48 HJ 24	M 48 x 2	1.7/8"-12 UN	55	44.00 x 3.00

SW = Width across flats

GE HMED AJ**Screw-in sockets**

Connection 1: metric cylindrical outer thread
Sealing form 1: Shape E
Connection 2: UN/UNF nut threads
Sealing form 2: 74° inner cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

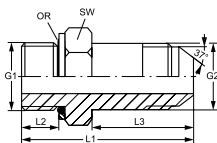


Identification	G1	G2	SW mm	S1
GE HMED 10 AJ 04	M 10 x 1	7/16"-20 UNF	14	16
GE HMED 12 AJ 05	M 12 x 1.5	1/2"-20 UNF	17	17
GE HMED 14 AJ 06	M 14 x 1.5	9/16"-18 UNF	19	19
GE HMED 16 AJ 08	M 16 x 1.5	3/4"-16 UNF	22	22
GE HMED 22 AJ 10	M 22 x 1.5	7/8"-14 UNF	27	27
GE HMED 27 AJ 12	M 27 x 2	1.1/16"-12 UN	32	32
GE HMED 33 AJ 16	M 33 x 2	1.5/16"-12 UN	41	38

SW, S1, S2 = With across flats

Spare parts:

WD - Soft seal for ED fittings

GE HMOK L HJ**Screw-in socket, long**

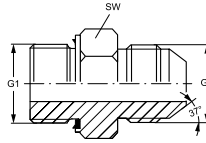
Connection 1: metric cylindrical outer thread
Sealing form 1: O-ring and spacer diaphragm ring
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Screw-in socket, long
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	L1 mm	L2 mm	L3 mm	SW mm	OR
GE HMOK L 10 HJ 04	M 10 x 1	7/16"-20 UNF	51,0	8,0	35	15	8.00 x 1.50
GE HMOK L 10 HJ 05	M 10 x 1	1/2"-20 UNF	53,0	8,0	37	15	8.00 x 1.50
GE HMOK L 12 HJ 05	M 12 x 1.5	1/2"-20 UNF	55,5	9,5	37	18	9.30 x 2.30
GE HMOK L 14 HJ 05	M 14 x 1.5	1/2"-20 UNF	56,5	9,5	37	20	11.30 x 2.30
GE HMOK L 14 HJ 06	M 14 x 1.5	9/16"-18 UNF	58,5	9,5	39	20	11.30 x 2.30
GE HMOK L 16 HJ 06	M 16 x 1.5	9/16"-18 UNF	60,0	11,0	39	22	13.30 x 2.30
GE HMOK L 16 HJ 08	M 16 x 1.5	3/4"-16 UNF	69,0	11,0	48	22	13.30 x 2.30
GE HMOK L 18 HJ 08	M 18 x 1.5	3/4"-16 UNF	70,5	12,0	48	25	15.30 x 2.30
GE HMOK L 18 HJ 10	M 18 x 1.5	7/8"-14 UNF	75,5	12,0	53	25	15.30 x 2.30
GE HMOK L 20 HJ 10	M 20 x 1.5	7/8"-14 UNF	76,5	12,0	53	28	17.30 x 2.30
GE HMOK L 22 HJ 10	M 22 x 1.5	7/8"-14 UNF	78,0	13,5	53	28	19.30 x 2.30
GE HMOK L 22 HJ 12	M 22 x 1.5	1.1/16"-12 UN	89,0	13,5	63	28	19.30 x 2.30
GE HMOK L 27 HJ 12	M 27 x 2	1.1/16"-12 UN	92,5	16,0	63	32	23.47 x 2.95
GE HMOK L 27 HJ 16	M 27 x 2	1.5/16"-12 UN	102,0	16,0	72	32	23.47 x 2.95
GE HMOK L 33 HJ 16	M 33 x 2	1.5/16"-12 UN	102,5	16,0	72	42	29.74 x 2.95
GE HMOK L 42 HJ 20	M 42 x 2	1.5/8"-12 UN	121,0	16,5	88	50	38.00 x 3.00
GE HMOK L 48 HJ 24	M 48 x 2	1.7/8"-12 UN	136,0	19,5	88	56	44.00 x 3.00

SW = Width across flats

GE HMED HJ**Screw-in sockets**

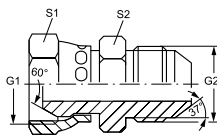
Connection 1: metric cylindrical outer thread
Sealing form 1: Shape E
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm
GE HMED 10 HJ 04	M 10 x 1	7/16" -20 UN	14
GE HMED 12 HJ 05	M 12 x 1.5	1/2" -20 UNF	17
GE HMED 12 HJ 06	M 12 x 1.5	9/16" -18 UNF	17
GE HMED 14 HJ 06	M 14 x 1.5	9/16" -18 UNF	19
GE HMED 16 HJ 06	M 16 x 1.5	9/16" -18 UNF	22
GE HMED 16 HJ 08	M 16 x 1.5	3/4" -16 UNF	22
GE HMED 18 HJ 08	M 18 x 1.5	3/4" -16 UNF	24
GE HMED 18 HJ 10	M 18 x 1.5	7/8" -14 UNF	24
GE HMED 22 HJ 10	M 22 x 1.5	7/8" -14 UNF	27
GE HMED 22 HJ 12	M 22 x 1.5	1.1/16" -12 UN	27
GE HMED 27 HJ 12	M 27 x 2	1.1/16" -12 UN	32
GE HMED 33 HJ 16	M 33 x 2	1.5/16" -12 UN	41
GE HMED 42 HJ 20	M 42 x 2	1.5/8" -12 UN	50
GE HMED 48 H J24	M 48 x 2	1.7/8" -12 UN	55
SW = Width across flats			

Spare parts:

WD - Soft seal for ED fittings

G AB HJ**Connectors**

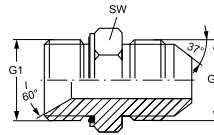
Sealing form 1: 60° outer cone
Connection 1: BSP nut thread
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Connectors
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	S1	S2
G AB 02 HJ 04	G 1/8" -28	7/16"-20 UNF	14	13
G AB 04 HJ	G 1/4" -19	7/16"-20 UNF	19	19
G AB 04 HJ 05	G 1/4" -19	1/2"-20 UNF	19	19
G AB 04 HJ 06	G 1/4" -19	9/16"-18 UNF	19	16
G AB 06 HJ	G 3/8" -19	9/16"-18 UNF	22	19
G AB 06 HJ 04	G 3/8" -19	7/16"-20 UNF	22	19
G AB 06 HJ 08	G 3/8" -19	3/4"-16 UNF	22	19
G AB 06 HJ 10	G 3/8" -19	7/8"-14 UNF	22	24
G AB 08 HJ	G 1/2" -14	3/4"-16 UNF	27	22
G AB 08 HJ 04	G 1/2" -14	7/16"-20 UNF	27	22
G AB 08 HJ 06	G 1/2" -14	9/16"-18 UNF	27	22
G AB 08 HJ 10	G 1/2" -14	7/8"-14 UNF	27	24
G AB 12 HJ	G 3/4" -14	1.1/16" -12 UN	32	27
G AB 12 HJ 10	G 3/4" -14	7/8"-14 UNF	32	27
G AB 16 HJ	G 1" -11	1.5/16" -12 UN	41	46
G AB 16 HJ 12	G 1" -11	1.1/16" -12 UN	41	36

SW, S1, S2 = With across flats

G HBED HJ**Connection sockets**

Sealing form 1: 60° inner cone + shape E
Connection 1: BSP external thread, cylindrical
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Connection sockets
Construction: straight
Material: Steel
Surface: electro galvanised



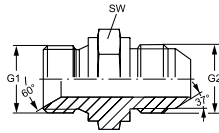
Identification	G1	G2	SW mm
G HBED 12 HJ 14	G 3/4" -14	1.3/16" -12 UN	32
G HBED 20 HJ 12	G 1.1/4" -11	1.1/16" -12 UN	50
SW = Width across flats			

Product versions:

G HBED HJ VA - Connection sockets, Stainless steel

Spare parts:

WD - Soft seal for ED fittings

G HB HJ**Connection sockets****Sealing form 1:****Connection 1:****Connection 2:****Sealing form 2:****Design:****Construction:****Material:****Surface:**

60° inner cone

BSP external thread, cylindrical

UN/UNF external threads

74° outer cone

Connection sockets

straight

Steel

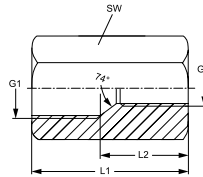
electro galvanised

Identification	G1	G2	SW mm
G HB 02 HJ 10	G 1/8" -28	7/8"-14 UNF	24
G HB 04 HJ 10	G 1/4" -19	7/8"-14 UNF	24
G HB 08 HJ 05	G 1/2" -14	1/2"-20 UNF	27
G HB 08 HJ 14	G 1/2" -14	1.3/16" -12 UN	32
G HB 08 HJ 16	G 1/2" -14	1.5/16" -12 UN	41
G HB 10 HJ 08	G 5/8" -14	3/4"-16 UNF	27
G HB 10 HJ	G 5/8" -14	7/8"-14 UNF	27
G HB 10 HJ 12	G 5/8" -14	1.1/16" -12 UN	32
G HB 10 HJ 16	G 5/8" -14	1.5/16" -12 UN	41
G HB 12 HJ 06	G 3/4" -14	9/16"-18 UNF	32
G HB 12 HJ 14	G 3/4" -14	1.3/16" -12 UN	32
G HB 12 HJ 20	G 3/4" -14	1.5/8" -12 UN	50
G HB 16 HJ 08	G 1" -11	3/4"-16 UNF	41
G HB 16 HJ 10	G 1" -11	7/8"-14 UNF	41
G HB 16 HJ 14	G 1" -11	1.3/16" -12 UN	41
G HB 20 HJ 12	G 1.1/4" -11	1.1/16" -12 UN	50
G HB 24 HJ 16	G 1.1/2" -11	1.5/16" -12 UN	55
G HB 24 HJ 32	G 1.1/2" -11	2.1/2" -12 UN	60
G HB 32 HJ 24	G 2" -11	1.7/8" -12 UN	60
G HB 32 HJ	G 2" -11	2.1/2" -12 UN	60

SW = Width across flats

UEM AJ IR**Connector AJ IR**

Connection 1: UN/UNF inner thread
Sealing form 1: 74° inner cone
Connection 2: BSP cylindrical internal threads
Sealing form 2: Flat seal
Design: Union nut
Material: Steel
Surface: electro galvanised



Identification	G1	G2	L1 mm	L2 mm	SW mm
UEM AJ 04 IR	7/16"-20 UNF	G 1/4" -19	29		19
UEM AJ 05 IR 04	1/2"-20 UNF	G 1/4" -19	29		19
UEM AJ 06 IR 04	9/16"-18 UNF	G 1/4" -19	29		19
UEM AJ 06 IR	9/16"-18 UNF	G 3/8" -19	29		19
UEM AJ 08 IR 04	3/4"-16 UNF	G 1/4" -19	32		22
UEM AJ 08 IR	3/4"-16 UNF	G 1/2" -14	32		22
UEM AJ 10 IR 04	7/8"-14 UNF	G 1/4" -19	32		27
UEM AJ 10 IR 08	7/8"-14 UNF	G 1/2" -14	32		27
UEM AJ 12 IR 04	1.1/16" -12 UN	G 1/4" -19		13	32
UEM AJ 12 IR	1.1/16" -12 UN	G 3/4" -14		13	32
UEM AJ 14 IR 04	1.3/16" -12 UN	G 1/4" -19		19	36
UEM AJ 16 IR 04	1.5/16" -12 UN	G 1/4" -19		20	41
UEM AJ 16 IR	1.5/16" -12 UN	G 1" -11		20	41
UEM AJ 20 IR 04	1.5/8" -12 UN	G 1/4" -19		20	50
UEM AJ 24 IR 04	1.7/8" -12 UN	G 1/4" -19		24	60

SW, S1, S2 = With across flats

GE HRED HJ

Screw-in sockets



Connection 1: BSP external thread, cylindrical
Sealing form 1: Shape E
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm
GE HRED 02 HJ 04	G 1/8" -28	7/16"-20 UNF	14
GE HRED 02 HJ 05	G 1/8" -28	1/2"-20 UNF	14
GE HRED 02 HJ 06	G 1/8" -28	9/16"-18 UNF	19
GE HRED 04 HJ	G 1/4" -19	7/16"-20 UNF	19
GE HRED 04 HJ 05	G 1/4" -19	1/2"-20 UNF	19
GE HRED 04 HJ 06	G 1/4" -19	9/16"-18 UNF	19
GE HRED 04 HJ 08	G 1/4" -19	3/4"-16 UNF	19
GE HRED 06 HJ 04	G 3/8" -19	7/16"-20 UNF	22
GE HRED 06 HJ 05	G 3/8" -19	1/2"-20 UNF	22
GE HRED 06 HJ	G 3/8" -19	9/16"-18 UNF	22
GE HRED 06 HJ 08	G 3/8" -19	3/4"-16 UNF	22
GE HRED 06 HJ 10	G 3/8" -19	7/8"-14 UNF	24
GE HRED 06 HJ 12	G 3/8" -19	1.1/16" -12 UN	27
GE HRED 08 HJ 04	G 1/2" -14	7/16"-20 UNF	27
GE HRED 08 HJ 06	G 1/2" -14	9/16"-18 UNF	27
GE HRED 08 HJ	G 1/2" -14	3/4"-16 UNF	27
GE HRED 08 HJ 10	G 1/2" -14	7/8"-14 UNF	27
GE HRED 08 HJ 12	G 1/2" -14	1.1/16" -12 UN	27
GE HRED 12 HJ 08	G 3/4" -14	3/4"-16 UNF	32
GE HRED 12 HJ 10	G 3/4" -14	7/8"-14 UNF	32
GE HRED 12 HJ	G 3/4" -14	1.1/16" -12 UN	32
GE HRED 12 HJ 16	G 3/4" -14	1.5/16" -12 UN	36
GE HRED 16 HJ 12	G 1" -11	1.1/16" -12 UN	41
GE HRED 16 HJ	G 1" -11	1.5/16" -12 UN	41
GE HRED 16 HJ 20	G 1" -11	1.5/8" -12 UN	46
GE HRED 16 HJ 24	G 1" -11	1.7/8" -12 UN	50
GE HRED 20 HJ 16	G 1.1/4" -11	1.5/16" -12 UN	50
GE HRED 20 HJ	G 1.1/4" -11	1.5/8" -12 UN	50
GE HRED 20 HJ 24	G 1.1/4" -11	1.7/8" -12 UN	50
GE HRED 24 HJ 20	G 1.1/2" -11	1.5/8" -12 UN	55
GE HRED 24 HJ	G 1.1/2" -11	1.7/8" -12 UN	55

SW = Width across flats

Product versions:

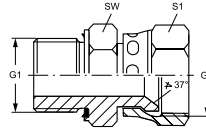
GE HRED HJ VA - Screw-in sockets, Stainless steel

Spare parts:

WD - Soft seal for ED fittings

GE HRED AJ**Screw-in sockets**

Connection 1: BSP external thread, cylindrical
Sealing form 1: Shape E
Connection 2: UN/UNF nut threads
Sealing form 2: 74° inner cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	S1
GE HRED 02 AJ 04	G 1/8" -28	7/16"-20 UNF	14	14
GE HRED 02 AJ 05	G 1/8" -28	1/2"-20 UNF	14	17
GE HRED 04 AJ 05	G 1/4" -19	1/2"-20 UNF	19	17
GE HRED 04 AJ 06	G 1/4" -19	9/16"-18 UNF	19	19
GE HRED 04 AJ 08	G 1/4" -19	3/4"-16 UNF	19	22
GE HRED 06 AJ	G 3/8" -19	9/16"-18 UNF	22	19
GE HRED 06 AJ 08	G 3/8" -19	3/4"-16 UNF	22	22
GE HRED 06 AJ 10	G 3/8" -19	7/8"-14 UNF	27	27
GE HRED 08 AJ 10	G 1/2" -14	7/8"-14 UNF	27	27
GE HRED 08 AJ 12	G 1/2" -14	1.1/16"-12 UN	27	32
GE HRED 12 AJ	G 3/4" -14	1.1/16"-12 UN	32	32
GE HRED 12 AJ 16	G 3/4" -14	1.5/16"-12 UN	32	41
GE HRED 16 AJ	G 1" -11	1.5/16"-12 UN	41	41
GE HRED 16 AJ 20	G 1" -11	1.5/8"-12 UN	41	50
GE HRED 20 AJ	G 1.1/4" -11	1.5/8"-12 UN	50	50
GE HRED 20 AJ 24	G 1.1/4" -11	1.7/8"-12 UN	50	60
GE HRED 24 AJ	G 1.1/2" -11	1.7/8"-12 UN	55	60

SW, S1, S2 = With across flats

Product versions:

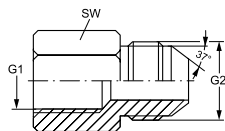
GE HRED AJ VA - Screw-in sockets, Stainless steel

Spare parts:

WD - Soft seal for ED fittings

G IR HJ

Connection sockets



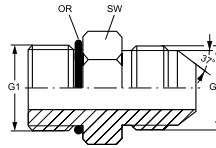
Connection 1: BSP cylindrical internal threads
Sealing form 1: flat sealing
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Connection sockets
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm
G IR 02 HJ 04	G 1/8" -28	7/16"-20 UNF	16
G IR 02 HJ 05	G 1/8" -28	1/2"-20 UNF	16
G IR 04 HJ	G 1/4" -19	7/16"-20 UNF	19
G IR 04 HJ 05	G 1/4" -19	1/2"-20 UNF	19
G IR 04 HJ 06	G 1/4" -19	9/16"-18 UNF	19
G IR 04 HJ 08	G 1/4" -19	3/4"-16 UNF	22
G IR 06 HJ	G 3/8" -19	9/16"-18 UNF	22
G IR 06 HJ 08	G 3/8" -19	3/4"-16 UNF	22
G IR 08 HJ 06	G 1/2" -14	9/16"-18 UNF	30
G IR 08 HJ	G 1/2" -14	3/4"-16 UNF	30
G IR 08 HJ 10	G 1/2" -14	7/8"-14 UNF	30
G IR 08 HJ 12	G 1/2" -14	1.1/16"-12 UN	30
G IR 12 HJ 08	G 3/4" -14	3/4"-16 UNF	36
G IR 12 HJ	G 3/4" -14	1.1/16"-12 UN	36
G IR 12 HJ 14	G 3/4" -14	1.3/16"-12 UN	41
G IR 16 HJ	G 1" -11	1.5/16"-12 UN	46
G IR 16 HJ 20	G 1" -11	1.5/8"-12 UN	50
G IR 20 HJ	G 1.1/4" -11	1.5/8"-12 UN	50
G IR 20 HJ 24	G 1.1/4" -11	1.7/8"-12 UN	55
G IR 24 HJ	G 1.1/2" -11	1.7/8"-12 UN	55
G IR 32 HJ	G 2" -11	2.1/2"-12 UN	73

SW = Width across flats

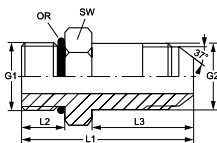
GE HRO HJ**Screw-in sockets**

Connection 1: BSP external thread, cylindrical form G
Sealing form 1: form G
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	OR
GE HRO 02 HJ 04	G 1/8" -28	7/16"-20 UNF	16	7.65 x 1.78
GE HRO 02 HJ 05	G 1/8" -28	1/2"-20 UNF	16	7.65 x 1.78
GE HRO 04 HJ	G 1/4" -19	7/16"-20 UNF	19	10.78 x 2.62
GE HRO 04 HJ 05	G 1/4" -19	1/2"-20 UNF	19	10.78 x 2.62
GE HRO 04 HJ 06	G 1/4" -19	9/16"-18 UNF	19	10.78 x 2.62
GE HRO 04 HJ 08	G 1/4" -19	3/4"-16 UNF	19	10.78 x 2.62
GE HRO 06 HJ 04	G 3/8" -19	7/16"-20 UNF	24	13.94 x 2.62
GE HRO 06 HJ 05	G 3/8" -19	1/2"-20 UNF	24	13.94 x 2.62
GE HRO 06 HJ	G 3/8" -19	9/16"-18 UNF	24	13.94 x 2.62
GE HRO 06 HJ 08	G 3/8" -19	3/4"-16 UNF	24	13.94 x 2.62
GE HRO 06 HJ 10	G 3/8" -19	7/8"-14 UNF	24	13.94 x 2.62
GE HRO 08 HJ 04	G 1/2" -14	7/16"-20 UNF	28	17.86 x 2.62
GE HRO 08 HJ 06	G 1/2" -14	9/16"-18 UNF	28	17.86 x 2.62
GE HRO 08 HJ	G 1/2" -14	3/4"-16 UNF	28	17.86 x 2.62
GE HRO 08 HJ 10	G 1/2" -14	7/8"-14 UNF	28	17.86 x 2.62
GE HRO 08 HJ 12	G 1/2" -14	1.1/16" -12 UN	28	17.86 x 2.62
GE HRO 12 HJ 08	G 3/4" -14	3/4"-16 UNF	35	23.47 x 2.62
GE HRO 12 HJ	G 3/4" -14	1.1/16" -12 UN	35	23.47 x 2.62
GE HRO 12 HJ 14	G 3/4" -14	1.3/16" -12 UN	35	23.47 x 2.62
GE HRO 12 HJ 16	G 3/4" -14	1.5/16" -12 UN	35	23.47 x 2.62
GE HRO 16 HJ 12	G 1" -11	1.1/16" -12 UN	43	29.74 x 3.53
GE HRO 16 HJ	G 1" -11	1.5/16" -12 UN	43	29.74 x 3.53
GE HRO 16 HJ 20	G 1" -11	1.5/8" -12 UN	43	29.74 x 3.53
GE HRO 20 HJ 16	G 1.1/4" -11	1.5/16" -12 UN	52	37.69 x 3.53
GE HRO 20 HJ	G 1.1/4" -11	1.5/8" -12 UN	52	37.69 x 3.53
GE HRO 20 HJ 24	G 1.1/4" -11	1.7/8" -12 UN	52	37.69 x 3.53
GE HRO 24 HJ	G 1.1/2" -11	1.7/8" -12 UN	58	44.04 x 3.53

SW = Width across flats

GE HRO L HJ**Screw-in socket, long**

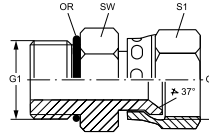
Connection 1: BSP external thread, cylindrical form G
Sealing form 1: UN/UNF external threads
Connection 2: 74° outer cone
Sealing form 2: Screw-in socket, long
Design: straight
Construction: Steel
Material: electro galvanised
Surface:

Identification	G1	G2	L1 mm	L2 mm	L3 mm	SW mm	OR
GE HRO L 02 HJ 04	G 1/8" -28	7/16"-20 UNF	50,0	8	35	16	7.65 x 1.78
GE HRO L 04 HJ	G 1/4" -19	7/16"-20 UNF	55,5	12	35	20	10.78 x 2.62
GE HRO L 04 HJ 05	G 1/4" -19	1/2"-20 UNF	57,5	12	37	20	10.78 x 2.62
GE HRO L 04 HJ 06	G 1/4" -19	9/16"-18 UNF	59,5	12	39	20	10.78 x 2.62
GE HRO L 04 HJ 08	G 1/4" -19	3/4"-16 UNF	68,5	12	48	20	10.78 x 2.62
GE HRO L 06 HJ	G 3/8" -19	9/16"-18 UNF	59,5	12	39	24	13.94 x 2.62
GE HRO L 06 HJ 05	G 3/8" -19	1/2"-20 UNF	57,5	12	37	24	13.94 x 2.62
GE HRO L 06 HJ 08	G 3/8" -19	3/4"-16 UNF	68,5	12	48	24	13.94 x 2.62
GE HRO L 06 HJ 10	G 3/8" -19	7/8"-14 UNF	74,0	12	53	24	13.94 x 2.62
GE HRO L 08 HJ	G 1/2" -14	3/4"-16 UNF	72,0	14	48	28	17.86 x 2.62
GE HRO L 08 HJ 06	G 1/2" -14	9/16"-18 UNF	63,0	14	39	28	17.86 x 2.62
GE HRO L 08 HJ 10	G 1/2" -14	7/8"-14 UNF	77,0	14	53	28	17.86 x 2.62
GE HRO L 08 HJ 12	G 1/2" -14	1.1/16"-12 UN	88,0	14	63	28	17.86 x 2.62
GE HRO L 12 HJ	G 3/4" -14	1.1/16"-12 UN	91,0	16	63	35	23.47 x 2.62
GE HRO L 12 HJ 10	G 3/4" -14	7/8"-14 UNF	81,0	16	53	35	23.47 x 2.62
GE HRO L 12 HJ 16	G 3/4" -14	1.5/16"-12 UN	100,0	16	72	35	23.47 x 2.62
GE HRO L 16 HJ	G 1" -11	1.5/16"-12 UN	102,0	18	72	43	29.74 x 3.53
GE HRO L 16 HJ 12	G 1" -11	1.1/16"-12 UN	93,5	18	63	43	29.74 x 3.53
GE HRO L 16 HJ 20	G 1" -11	1.5/8"-12 UN	119,0	18	88	43	29.74 x 3.53
GE HRO L 20 HJ	G 1.1/4" -11	1.5/8"-12 UN	119,0	18	88	52	37.69 x 3.53
GE HRO L 20 HJ 16	G 1.1/4" -11	1.5/16"-12 UN	106,0	20	72	52	37.69 x 3.53
GE HRO L 20 HJ 24	G 1.1/4" -11	1.7/8"-12 UN	132,0	20	98	52	37.69 x 3.53
GE HRO L 24 HJ	G 1.1/2" -11	1.7/8"-12 UN	136,0	22	98	58	44.04 x 3.53

SW = Width across flats

GE HRO AJ**Screw-in sockets**

Connection 1: BSP external thread, cylindrical
Sealing form 1: form G
Connection 2: UN/UNF nut threads
Sealing form 2: 74° inner cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

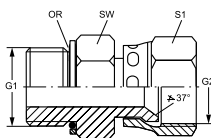


Identification	G1	G2	SW mm	S1	OR
GE HRO 02 AJ 04	G 1/8" -28	7/16"-20 UNF	16	16	8.00 x 2.00
GE HRO 04 AJ	G 1/4" -19	7/16"-20 UNF	20	16	10.77 x 2.62
GE HRO 04 AJ 05	G 1/4" -19	1/2"-20 UNF	20	17	10.77 x 2.62
GE HRO 04 AJ 08	G 1/4" -19	3/4"-16 UNF	20	22	10.77 x 2.62
GE HRO 06 AJ 04	G 3/8" -19	7/16"-20 UNF	24	16	13.94 x 2.62
GE HRO 06 AJ 05	G 3/8" -19	1/2"-20 UNF	24	17	13.94 x 2.62
GE HRO 06 AJ	G 3/8" -19	9/16"-18 UNF	24	19	13.94 x 2.62
GE HRO 06 AJ 08	G 3/8" -19	3/4"-16 UNF	24	22	13.94 x 2.62
GE HRO 06 AJ 10	G 3/8" -19	7/8"-14 UNF	24	27	13.94 x 2.62
GE HRO 08 AJ 06	G 1/2" -14	9/16"-18 UNF	28	19	17.86 x 2.62
GE HRO 08 AJ	G 1/2" -14	3/4"-16 UNF	28	22	17.86 x 2.62
GE HRO 08 AJ 10	G 1/2" -14	7/8"-14 UNF	28	27	17.86 x 2.62
GE HRO 08 AJ 12	G 1/2" -14	1.1/16" -12 UN	28	32	17.86 x 2.62
GE HRO 12 AJ 10	G 3/4" -14	7/8"-14 UNF	35	27	23.47 x 2.62
GE HRO 12 AJ	G 3/4" -14	1.1/16" -12 UN	32	35	23.47 x 2.62
GE HRO 12 AJ 16	G 3/4" -14	1.5/16" -12 UN	35	38	23.47 x 2.62
GE HRO 16 AJ 12	G 1" -11	1.1/16" -12 UN	43	32	29.74 x 3.53
GE HRO 16 AJ 20	G 1" -11	1.5/8" -12 UN	43	50	29.74 x 3.53
GE HRO 20 AJ 16	G 1.1/4" -11	1.5/16" -12 UN	52	38	37.69 x 3.53
GE HRO 20 AJ 24	G 1.1/4" -11	1.7/8" -12 UN	52	58	37.69 x 3.53

SW, S1, S2 = With across flats

GE HROK AJ

Screw-in sockets



Connection 1:
Sealing form 1:

BSP external thread, cylindrical
Thread socket with O-ring + spacer

Connection 2:
Sealing form 2:

UN/UNF nut threads
74° inner cone

Design:

Screw-in sockets

Construction:

straight

Material:

Steel

Surface:

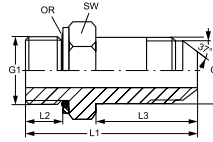
electro galvanised

Identification	Working pressure bar	G1	G2	SW mm	S1	OR
GE HROK 02 AJ 04	PN 315	G 1/8" -28	7/16"-20 UNF	16	14	7.97 x 1.88
GE HROK 02 AJ 05	PN 315	G 1/8" -28	1/2"-20 UNF	16	17	7.97 x 1.88
GE HROK 04 AJ	PN 315	G 1/4" -19	7/16"-20 UNF	19	14	10.77 x 2.62
GE HROK 04 AJ 05	PN 315	G 1/4" -19	1/2"-20 UNF	19	17	10.77 x 2.62
GE HROK 04 AJ 06	PN 250	G 1/4" -19	9/16"-18 UNF	19	19	10.77 x 2.62
GE HROK 04 AJ 08	PN 250	G 1/4" -19	3/4"-16 UNF	19	22	10.77 x 2.62
GE HROK 06 AJ 04	PN 315	G 3/8" -19	7/16"-20 UNF	22	14	13.94 x 2.62
GE HROK 06 AJ 05	PN 315	G 3/8" -19	1/2"-20 UNF	22	17	13.94 x 2.62
GE HROK 06 AJ	PN 250	G 3/8" -19	9/16"-18 UNF	22	19	13.94 x 2.62
GE HROK 06 AJ 08	PN 250	G 3/8" -19	3/4"-16 UNF	22	22	13.94 x 2.62
GE HROK 06 AJ 10	PN 200	G 3/8" -19	7/8"-14 UNF	22	27	13.94 x 2.62
GE HROK 08 AJ 06	PN 250	G 1/2" -14	9/16"-18 UNF	30	19	17.86 x 2.62
GE HROK 08 AJ	PN 250	G 1/2" -14	3/4"-16 UNF	30	22	17.86 x 2.62
GE HROK 08 AJ 10	PN 200	G 1/2" -14	7/8"-14 UNF	30	27	17.86 x 2.62
GE HROK 08 AJ 12	PN 200	G 1/2" -14	1.1/16" -12 UN	30	32	17.86 x 2.62
GE HROK 12 AJ 10	PN 200	G 3/4" -14	7/8"-14 UNF	36	27	23.47 x 2.62
GE HROK 12 AJ	PN 200	G 3/4" -14	1.1/16" -12 UN	36	32	23.47 x 2.62
GE HROK 12 AJ 16	PN 160	G 3/4" -14	1.5/16" -12 UN	36	41	23.47 x 2.62
GE HROK 16 AJ 12	PN 200	G 1" -11	1.1/16" -12 UN	46	32	29.74 x 3.53
GE HROK 16 AJ	PN 160	G 1" -11	1.5/16" -12 UN	46	41	29.74 x 3.53
GE HROK 16 AJ 20	PN 125	G 1" -11	1.5/8" -12 UN	46	50	29.74 x 3.53
GE HROK 20 AJ 16	PN 160	G 1.1/4" -11	1.5/16" -12 UN	50	41	37.69 x 3.53
GE HROK 20 AJ	PN 125	G 1.1/4" -11	1.5/8" -12 UN	50	50	37.69 x 3.53
GE HROK 20 AJ 24	PN 100	G 1.1/4" -11	1.7/8" -12 UN	50	60	37.69 x 3.53
GE HROK 24 AJ	PN 100	G 1.1/2" -11	1.7/8" -12 UN	55	60	44.04 x 3.53

SW, S1, S2 = With across flats

GE HROK L HJ**Screw-in socket, long**

Connection 1: BSP external thread, cylindrical
Sealing form 1: Thread socket with O-ring + spacer
 diaphragm ring
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Screw-in socket, long
Construction: straight
Material: Steel
Surface: electro galvanised

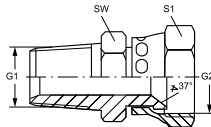


Identification	G1	G2	L1 mm	L2 mm	L3 mm	SW mm	OR
GE HROK L 02 HJ 04	G 1/8" -28	7/16"-20 UNF	50,0	7,0	35	16	7.65 x 1.78
GE HROK L 04 HJ	G 1/4" -19	7/16"-20 UNF	55,5	10,0	35	20	10.78 x 2.62
GE HROK L 04 HJ 05	G 1/4" -19	1/2"-20 UNF	57,5	10,0	37	20	10.78 x 2.62
GE HROK L 04 HJ 06	G 1/4" -19	9/16"-18 UNF	59,5	10,0	39	20	10.78 x 2.62
GE HROK L 04 HJ 08	G 1/4" -19	3/4"-16 UNF	68,5	10,0	48	20	10.78 x 2.62
GE HROK L 06 HJ	G 3/8" -19	9/16"-18 UNF	59,5	10,0	39	24	13.94 x 2.62
GE HROK L 06 HJ 05	G 3/8" -19	1/2"-20 UNF	57,5	10,0	37	24	13.94 x 2.62
GE HROK L 06 HJ 08	G 3/8" -19	3/4"-16 UNF	68,5	10,0	48	24	13.94 x 2.62
GE HROK L 06 HJ 10	G 3/8" -19	7/8"-14 UNF	74,0	10,0	53	24	13.94 x 2.62
GE HROK L 08 HJ	G 1/2" -14	3/4"-16 UNF	72,0	12,0	48	28	17.86 x 2.62
GE HROK L 08 HJ 06	G 1/2" -14	9/16"-18 UNF	63,0	12,0	39	28	17.86 x 2.62
GE HROK L 08 HJ 10	G 1/2" -14	7/8"-14 UNF	77,0	12,0	53	28	17.86 x 2.62
GE HROK L 08 HJ 12	G 1/2" -14	1.1/16" -12 UN	88,0	12,0	63	28	17.86 x 2.62
GE HROK L 12 HJ	G 3/4" -14	1.1/16" -12 UN	91,0	14,0	63	35	23.47 x 2.62
GE HROK L 12 HJ 10	G 3/4" -14	7/8"-14 UNF	81,0	14,0	53	35	23.47 x 2.62
GE HROK L 12 HJ 16	G 3/4" -14	1.5/16" -12 UN	100,0	14,0	72	36	23.47 x 2.62
GE HROK L 16 HJ	G 1" -11	1.5/16" -12 UN	102,0	15,5	72	43	29.74 x 3.53
GE HROK L 16 HJ 12	G 1" -11	1.1/16" -12 UN	93,5	15,5	63	43	29.74 x 3.53
GE HROK L 16 HJ 20	G 1" -11	1.5/8" -12 UN	119,0	15,5	88	43	29.74 x 3.53
GE HROK L 20 HJ	G 1.1/4" -11	1.5/8" -12 UN	122,0	17,5	88	52	37.69 x 3.53
GE HROK L 20 HJ 16	G 1.1/4" -11	1.5/16" -12 UN	106,0	17,5	72	52	37.69 x 3.53
GE HROK L 20 HJ 24	G 1.1/4" -11	1.7/8" -12 UN	132,0	17,5	98	52	37.69 x 3.53
GE HROK L 24 HJ	G 1.1/2" -11	1.7/8" -12 UN	136,0	19,5	98	58	44.04 x 3.53

SW = Width across flats

GE HRK AJ

Screw-in sockets



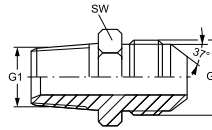
Connection 1: BSPT conical external threads
Sealing form 1: thread seal
Connection 2: UN/UNF nut threads
Sealing form 2: 74° inner cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm	S1
GE HRK 02 AJ 04	R 1/8" K	7/16"-20 UNF	13	16
GE HRK 02 AJ 05	R 1/8" K	1/2"-20 UNF	13	17
GE HRK 04 AJ	R 1/4" K	7/16"-20 UNF	14	16
GE HRK 04 AJ 05	R 1/4" K	1/2"-20 UNF	14	17
GE HRK 04 AJ 06	R 1/4" K	9/16"-18 UNF	14	19
GE HRK 04 AJ 08	R 1/4" K	3/4"-16 UNF	19	22
GE HRK 06 AJ 05	R 3/8" K	1/2"-20 UNF	19	17
GE HRK 06 AJ	R 3/8" K	9/16"-18 UNF	19	19
GE HRK 06 AJ 08	R 3/8" K	3/4"-16 UNF	19	22
GE HRK 06 AJ 10	R 3/8" K	7/8"-14 UNF	22	27
GE HRK 08 AJ	R 1/2" K	3/4"-16 UNF	27	32
GE HRK 08 AJ 10	R 1/2" K	7/8"-14 UNF	22	27
GE HRK 08 AJ 12	R 1/2" K	1.1/16" -12 UN	27	32
GE HRK 12 AJ 10	R 3/4" K	7/8"-14 UNF	27	27
GE HRK 12 AJ	R 3/4" K	1.1/16" -12 UN	27	32
GE HRK 12 AJ 14	R 3/4" K	1.3/16" -12 UN	27	32
GE HRK 12 AJ 16	R 3/4" K	1.5/16" -12 UN	32	38
GE HRK 16 AJ	R 1" K	1.5/16" -12 UN	36	38
GE HRK 16 AJ 12	R 1" K	1.1/16" -12 UN	36	38
GE HRK 20 AJ	R 1.1/4" K	1.5/8" -12 UN	46	50
GE HRK 24 AJ	R 1.1/2" K	1.7/8" -12 UN	54	55

SW, S1, S2 = With across flats

GE HRK HJ**Screw-in sockets**

Connection 1: BSPT conical external threads
Sealing form 1: thread seal
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm
GE HRK 02 HJ 04	R 1/8" K	7/16"-20 UNF	14
GE HRK 02 HJ 05	R 1/8" K	1/2"-20 UNF	14
GE HRK 04 HJ	R 1/4" K	7/16"-20 UNF	14
GE HRK 04 HJ 05	R 1/4" K	1/2"-20 UNF	14
GE HRK 04 HJ 06	R 1/4" K	9/16"-18 UNF	19
GE HRK 04 HJ 08	R 1/4" K	3/4"-16 UNF	22
GE HRK 06 HJ 04	R 3/8" K	7/16"-20 UNF	19
GE HRK 06 HJ 05	R 3/8" K	1/2"-20 UNF	19
GE HRK 06 HJ	R 3/8" K	9/16"-18 UNF	19
GE HRK 06 HJ 08	R 3/8" K	3/4"-16 UNF	22
GE HRK 06 HJ 10	R 3/8" K	7/8"-14 UNF	24
GE HRK 06 HJ 12	R 3/8" K	1.1/16" -12 UN	27
GE HRK 08 HJ 06	R 1/2" K	9/16"-18 UNF	22
GE HRK 08 HJ	R 1/2" K	3/4"-16 UNF	22
GE HRK 08 HJ 10	R 1/2" K	7/8"-14 UNF	24
GE HRK 08 HJ 12	R 1/2" K	1.1/16" -12 UN	27
GE HRK 08 HJ 16	R 1/2" K	1.5/16" -12 UN	36
GE HRK 10 HJ	R 5/8" K	7/8"-14 UNF	24
GE HRK 12 HJ 06	R 3/4" K	9/16"-18 UNF	27
GE HRK 12 HJ 08	R 3/4" K	3/4"-16 UNF	27
GE HRK 12 HJ 10	R 3/4" K	7/8"-14 UNF	27
GE HRK 12 HJ	R 3/4" K	1.1/16" -12 UN	27
GE HRK 12 HJ 16	R 3/4" K	1.5/16" -12 UN	36
GE HRK 12 HJ 20	R 3/4" K	1.5/8" -12 UN	46
GE HRK 16 HJ 08	R 1" K	3/4"-16 UNF	36
GE HRK 16 HJ 10	R 1" K	7/8"-14 UNF	36
GE HRK 16 HJ 12	R 1" K	1.1/16" -12 UN	36
GE HRK 16 HJ	R 1" K	1.5/16" -12 UN	36
GE HRK 16 HJ 20	R 1" K	1.5/8" -12 UN	46
GE HRK 20 HJ 12	R 1.1/4" K	1.1/16" -12 UN	46
GE HRK 20 HJ 16	R 1.1/4" K	1.5/16" -12 UN	46
GE HRK 20 HJ	R 1.1/4" K	1.5/8" -12 UN	46
GE HRK 20 HJ 24	R 1.1/4" K	1.7/8" -12 UN	50
GE HRK 24 HJ 16	R 1.1/2" K	1.5/16" -12 UN	50
GE HRK 24 HJ 20	R 1.1/2" K	1.5/8" -12 UN	50
GE HRK 24 HJ	R 1.1/2" K	1.7/8" -12 UN	50
GE HRK 24 HJ 32	R 1.1/2" K	2.1/2" -12 UN	65
GE HRK 32 HJ	R 2" K	2.1/2" -12 UN	65
GE HRK 40 HJ	R 2.1/2" K	3" -11 UN	70

SW = Width across flats

GE HRK HJ

Screw-in sockets (Continued)

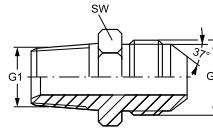
Identification	G1	G2	SW mm
GE HRK 48 HJ	R 3" K	3.1/2" -11 UN	80
SW = Width across flats			

Product versions:
GE HRK HJ VA - Screw-in sockets, Stainless steel

3

GE HN HJ**Screw-in sockets**

Connection 1: NPT external threads
Sealing form 1: thread seal
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm
GE HN 02 HJ 03	1/8" -27 NPT	3/8"-24 UNF	12
GE HN 02 HJ 04	1/8" -27 NPT	7/16"-20 UNF	12
GE HN 02 HJ 05	1/8" -27 NPT	1/2"-20 UNF	14
GE HN 02 HJ 06	1/8" -27 NPT	9/16"-18 UNF	17
GE HN 02 HJ 08	1/8" -27 NPT	3/4"-16 UNF	19
GE HN 04 HJ	1/4" -18 NPT	7/16"-20 UNF	14
GE HN 04 HJ 05	1/4" -18 NPT	1/2"-20 UNF	14
GE HN 04 HJ 06	1/4" -18 NPT	9/16"-18 UNF	17
GE HN 04 HJ 08	1/4" -18 NPT	3/4"-16 UNF	19
GE HN 06 HJ	3/8" -18 NPT	9/16"-18 UNF	19
GE HN 06 HJ 04	3/8" -18 NPT	7/16"-20 UNF	19
GE HN 06 HJ 05	3/8" -18 NPT	1/2"-20 UNF	19
GE HN 06 HJ 08	3/8" -18 NPT	3/4"-16 UNF	19
GE HN 06 HJ 10	3/8" -18 NPT	7/8"-14 UNF	24
GE HN 06 HJ 12	3/8" -18 NPT	1.1/16" -12 UN	27
GE HN 08 HJ 04	1/2" -14 NPT	7/16"-20 UNF	24
GE HN 08 HJ 05	1/2" -14 NPT	1/2"-20 UNF	24
GE HN 08 HJ 06	1/2" -14 NPT	9/16"-18 UNF	24
GE HN 08 HJ	1/2" -14 NPT	3/4"-16 UNF	24
GE HN 08 HJ 10	1/2" -14 NPT	7/8"-14 UNF	24
GE HN 08 HJ 12	1/2" -14 NPT	1.1/16" -12 UN	27
GE HN 08 HJ 16	1/2" -14 NPT	1.5/16" -12 UN	36
GE HN 12 HJ 04	3/4" -14 NPT	7/16"-20 UNF	27
GE HN 12 HJ 06	3/4" -14 NPT	9/16"-18 UNF	27
GE HN 12 HJ 08	3/4" -14 NPT	3/4"-16 UNF	27
GE HN 12 HJ 10	3/4" -14 NPT	7/8"-14 UNF	27
GE HN 12 HJ	3/4" -14 NPT	1.1/16" -12 UN	27
GE HN 12 HJ 14	3/4" -14 NPT	1.3/16" -12 UN	32
GE HN 12 HJ 16	3/4" -14 NPT	1.5/16" -12 UN	36
GE HN 16 HJ	1" -11.5 NPT	1.5/16" -12 UN	36
GE HN 16 HJ 12	1" -11.5 NPT	1.1/16" -12 UN	36
GE HN 16 HJ 20	1" -11.5 NPT	1.5/8" -12 UN	46
GE HN 16 HJ 24	1" -11.5 NPT	1.7/8" -12 UN	50
GE HN 20 HJ 12	1.1/4" -11.5 NPT	1.1/16" -12 UN	46
GE HN 20 HJ 16	1.1/4" -11.5 NPT	1.5/16" -12 UN	46
GE HN 20 HJ	1.1/4" -11.5 NPT	1.5/8" -12 UN	46
GE HN 20 HJ 24	1.1/4" -11.5 NPT	1.7/8" -12 UN	50
GE HN 20 HJ 32	1.1/4" -11.5 NPT	2.1/2" -12 UN	65
GE HN 24 HJ 12	1.1/2" -11.5 NPT	1.1/16" -12 UN	50
GE HN 24 HJ 16	1.1/2" -11.5 NPT	1.5/16" -12 UN	50
GE HN 24 HJ 20	1.1/2" -11.5 NPT	1.5/8" -12 UN	50

SW = Width across flats

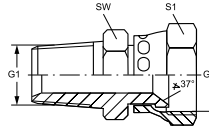
GE HN HJ**Screw-in sockets****(Continued)**

Identification	G1	G2	SW mm
GE HN 24 HJ	1.1/2" -11.5 NPT	1.7/8" -12 UN	50
GE HN 24 HJ 32	1.1/2" -11.5 NPT	2.1/2" -12 UN	65
GE HN 32 HJ 24	2" -11.5 NPT	1.7/8" -12 UN	65
GE HN 32 HJ	2" -11.5 NPT	2.1/2" -12 UN	65
SW = Width across flats			

Product versions:**GE HN HJ VA** - Screw-in sockets, Stainless steel

GE HN AJ**Screw-in sockets**

Connection 1: NPT external threads
Sealing form 1: thread seal
Connection 2: UN/UNF nut threads
Sealing form 2: 74° inner cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	S1
GE HN 02 AJ 04	1/8" -27 NPT	7/16"-20 UNF	14	14
GE HN 02 AJ 05	1/8" -27 NPT	1/2"-20 UNF	14	17
GE HN 02 AJ 06	1/8" -27 NPT	9/16"-18 UNF	17	14
GE HN 04 AJ	1/4" -18 NPT	7/16"-20 UNF	14	14
GE HN 04 AJ 05	1/4" -18 NPT	1/2"-20 UNF	16	16
GE HN 04 AJ 06	1/4" -18 NPT	9/16"-18 UNF	17	17
GE HN 04 AJ 08	1/4" -18 NPT	3/4"-16 UNF	19	22
GE HN 06 AJ	3/8" -18 NPT	9/16"-18 UNF	19	17
GE HN 06 AJ 08	3/8" -18 NPT	3/4"-16 UNF	22	22
GE HN 06 AJ 10	3/8" -18 NPT	7/8"-14 UNF	22	27
GE HN 08 AJ 06	1/2" -14 NPT	9/16"-18 UNF	25	19
GE HN 08 AJ	1/2" -14 NPT	3/4"-16 UNF	22	22
GE HN 08 AJ 10	1/2" -14 NPT	7/8"-14 UNF	25	25
GE HN 08 AJ 12	1/2" -14 NPT	1.1/16" -12 UN	27	32
GE HN 12 AJ 08	3/4" -14 NPT	3/4"-16 UNF	27	22
GE HN 12 AJ 10	3/4" -14 NPT	7/8"-14 UNF	32	27
GE HN 12 AJ	3/4" -14 NPT	1.1/16" -12 UN	27	32
GE HN 12 AJ 14	3/4" -14 NPT	1.3/16" -12 UN	27	32
GE HN 12 AJ 16	3/4" -14 NPT	1.5/16" -12 UN	32	38
GE HN 16 AJ	1" -11.5 NPT	1.5/16" -12 UN	36	38
GE HN 16 AJ 20	1" -11.5 NPT	1.5/8" -12 UN	36	50
GE HN 20 AJ	1.1/4" -11.5 NPT	1.5/8" -12 UN	46	50
GE HN 24 AJ	1.1/2" -11.5 NPT	1.7/8" -12 UN	58	58

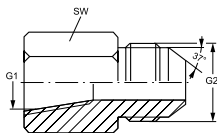
SW, S1, S2 = With across flats

Product versions:

GE HN AJ VA - Screw-in sockets, Stainless steel

G IN HJ

Connection sockets



Connection 1: NPT internal thread
Sealing form 1: thread seal
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Connection sockets
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm
G IN 02 HJ 04	1/8" -27 NPT	7/16"-20 UNF	14
G IN 02 HJ 05	1/8" -27 NPT	1/2"-20 UNF	14
G IN 04 HJ	1/4" -18 NPT	7/16"-20 UNF	19
G IN 04 HJ 05	1/4" -18 NPT	1/2"-20 UNF	19
G IN 04 HJ 06	1/4" -18 NPT	9/16"-18 UNF	19
G IN 04 HJ 08	1/4" -18 NPT	3/4"-16 UNF	21
G IN 06 HJ	3/8" -18 NPT	9/16"-18 UNF	22
G IN 06 HJ 08	3/8" -18 NPT	3/4"-16 UNF	22
G IN 06 HJ 10	3/8" -18 NPT	7/8"-14 UNF	29
G IN 08 HJ	1/2" -14 NPT	3/4"-16 UNF	29
G IN 08 HJ 10	1/2" -14 NPT	7/8"-14 UNF	29
G IN 08 HJ 12	1/2" -14 NPT	1.1/16"-12 UN	29
G IN 12 HJ	3/4" -14 NPT	1.1/16"-12 UN	35
G IN 12 HJ 14	3/4" -14 NPT	1.3/16"-12 UN	35
G IN 16 HJ	1" -11.5 NPT	1.5/16"-12 UN	41
G IN 20 HJ	1.1/4" -11.5 NPT	1.5/8"-12 UN	51
G IN 24 HJ	1.1/2" -11.5 NPT	1.7/8"-12 UN	60
G IN 32 HJ	2" -11.5 NPT	2.1/2"-12 UN	73

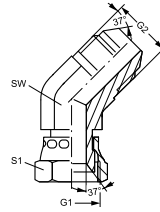
SW = Width across flats

Product versions:

G IN HJ VA - Connection sockets, Stainless steel

W45 AJ HJ**Screw-on socket, angle 45°**

Connection 1: UN/UNF nut threads
Sealing form 1: 74° inner cone
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Screw-on socket
Construction: Angle 45°
Material: Steel
Surface: electro galvanised



Identification	Working pressure bar	G1	G2	SW mm	S1
W45 AJ 04 HJ	PN 350	7/16"-20 UNF	7/16"-20 UNF	12	14
W45 AJ 05 HJ	PN 350	1/2"-20 UNF	1/2"-20 UNF	14	16
W45 AJ 06 HJ	PN 250	9/16"-18 UNF	9/16"-18 UNF	14	19
W45 AJ 08 HJ	PN 250	3/4"-16 UNF	3/4"-16 UNF	19	22
W45 AJ 10 HJ	PN 200	7/8"-14 UNF	7/8"-14 UNF	22	27
W45 AJ 12 HJ	PN 200	1.1/16"-12 UN	1.1/16"-12 UN	27	32
W45 AJ 14 HJ	PN 160	1.3/16"-12 UN	1.3/16"-12 UN	32	36
W45 AJ 16 HJ	PN 160	1.5/16"-12 UN	1.5/16"-12 UN	33	41
W45 AJ 20 HJ	PN 125	1.5/8"-12 UN	1.5/8"-12 UN	41	50
W45 AJ 24 HJ	PN 100	1.7/8"-12 UN	1.7/8"-12 UN	48	60
W45 AJ 32 HJ	PN 80	2.1/2"-12 UN	2.1/2"-12 UN	65	75

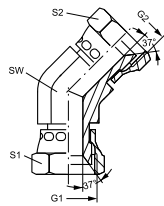
SW, S1, S2 = With across flats

Product versions:

W45 AJ HJ VA - Screw-on socket, angle 45°, Stainless steel

W45 AJ

Connection socket, angle 45°



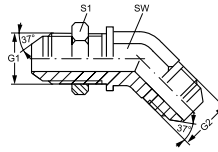
Connection 1: UN/UNF nut threads
Sealing form 1: 74° inner cone
Connection 2: UN/UNF nut threads
Sealing form 2: 74° inner cone
Design: Connection sockets
Construction: Angle 45°
Material: Steel
Surface: electro galvanised

Identification	G1 + G2	S2	S1
W45 AJ 04	7/16"-20 UNF	17	17
W45 AJ 05	1/2"-20 UNF	17	17
W45 AJ 06	9/16"-18 UNF	19	19
W45 AJ 08	3/4"-16 UNF	24	24
W45 AJ 10	7/8"-14 UNF	27	27
W45 AJ 12	1.1/16" -12 UN	32	32
W45 AJ 16	1.5/16" -12 UN	41	41

SW, S1, S2 = With across flats

SW 45 HJ**Bulkhead fitting socket, angle 45°**

Connection 1: UN/UNF external threads
Sealing form 1: 74° outer cone
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Bulkhead fitting socket
Construction: Angle 45°
Material: Steel
Surface: electro galvanised



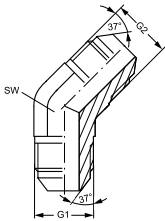
Identification	G1 + G2	SW mm	S1
SW 45 HJ 04	7/16"-20 UNF	11	17
SW 45 HJ 05	1/2"-20 UNF	14	19
SW 45 HJ 06	9/16"-18 UNF	14	21
SW 45 HJ 08	3/4"-16 UNF	19	25
SW 45 HJ 10	7/8"-14 UNF	22	29
SW 45 HJ 12	1.1/16" -12 UN	27	35
SW 45 HJ 16	1.5/16" -12 UN	33	41
SW 45 HJ 20	1.5/8" -12 UN	41	48
SW 45 HJ 24	1.7/8" -12 UN	48	55
SW, S1, S2 = With across flats			

Product versions:

SW 45 HJ VA - Bulkhead fitting socket, angle 45°, Stainless steel

W45 HJ

Fitting socket, angle 45°



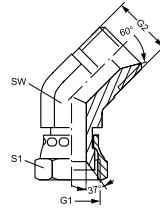
- Connection 1: UN/UNF external threads
- Sealing form 1: 74° outer cone
- Connection 2: UN/UNF external threads
- Sealing form 2: 74° outer cone
- Design: Fitting socket
- Construction: Angle 45°
- Material: Steel
- Surface: electro galvanised

Identification	G1 + G2	SW mm
W45 HJ 04	7/16"-20 UNF	11
W45 HJ 05	1/2"-20 UNF	13
W45 HJ 06	9/16"-18 UNF	14
W45 HJ 08	3/4"-16 UNF	19
W45 HJ 10	7/8"-14 UNF	22
W45 HJ 12	1.1/16" -12 UN	27
W45 HJ 16	1.5/16" -12 UN	33

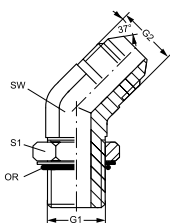
SW = Width across flats

W45 AJ HB**Connection socket, angle 45°**

Connection 1: UN/UNF nut threads
Sealing form 1: 74° inner cone
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Connection sockets
Construction: Angle 45°
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	S1
W45 AJ 04 HB	7/16"-20 UNF	G 1/4" -19	14	17
W45 AJ 06 HB	9/16"-18 UNF	G 3/8" -19	17	19
W45 AJ 08 HB	3/4"-16 UNF	G 1/2" -14	19	24
W45 AJ 10 HB	7/8"-14 UNF	G 5/8" -14	24	27
W45 AJ 12 HB	1.1/16" -12 UN	G 3/4" -14	27	32
W45 AJ 16 HB	1.5/16" -12 UN	G 1" -11	36	41
SW, S1, S2 = With across flats				

W45 O HJ**Screw-in socket, angle 45°**

Connection 1: UN/UNF external threads
Sealing form 1: O-ring seal on screw-in socket
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Adjustable direction screw-in socket
Construction: Angle 45°
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm	S1	OR
W45 O 04 HJ	7/16"-20 UNF	7/16"-20 UNF	11	14	8.92 x 1.83
W45 O 05 HJ 04	1/2"-20 UNF	7/16"-20 UNF	13	16	10.52 x 1.83
W45 O 05 HJ	1/2"-20 UNF	1/2"-20 UNF	13	16	10.52 x 1.83
W45 O 06 HJ	9/16"-18 UNF	9/16"-18 UNF	14	17	11.90 x 1.98
W45 O 06 HJ 08	9/16"-18 UNF	3/4"-16 UNF	19	17	11.90 x 1.98
W45 O 08 HJ 06	3/4"-16 UNF	9/16"-18 UNF	19	22	16.36 x 2.20
W45 O 08 HJ	3/4"-16 UNF	3/4"-16 UNF	19	22	16.36 x 2.20
W45 O 08 HJ 10	3/4"-16 UNF	7/8"-14 UNF	22	22	16.36 x 2.20
W45 O 08 HJ 12	3/4"-16 UNF	1.1/16" -12 UN	22	27	16.36 x 2.20
W45 O 10 HJ 08	7/8"-14 UNF	3/4"-16 UNF	22	25	19.18 x 2.46
W45 O 10 HJ	7/8"-14 UNF	7/8"-14 UNF	22	27	19.18 x 2.46
W45 O 10 HJ 12	7/8"-14 UNF	1.1/16" -12 UN	27	25	19.18 x 2.46
W45 O 12 HJ 08	1.1/16" -12 UN	3/4"-16 UNF	22	32	23.47 x 2.95
W45 O 12 HJ 10	1.1/16" -12 UN	7/8"-14 UNF	32	22	23.47 x 2.95
W45 O 12 HJ	1.1/16" -12 UN	1.1/16" -12 UN	27	32	23.47 x 2.95
W45 O 12 HJ 16	1.1/16" -12 UN	1.5/16" -12 UN	33	32	23.47 x 2.95
W45 O 16 HJ 12	1.5/16" -12 UN	1.1/16" -12 UN	38	27	29.74 x 2.95
W45 O 16 HJ	1.5/16" -12 UN	1.5/16" -12 UN	33	38	29.74 x 2.95
W45 O 16 HJ 20	1.5/16" -12 UN	1.5/8" -12 UN	41	38	29.74 x 2.95
W45 O 20 HJ 16	1.5/8" -12 UN	1.5/16" -12 UN	33	48	37.47 x 3.00
W45 O 20 HJ	1.5/8" -12 UN	1.5/8" -12 UN	41	48	37.47 x 3.00
W45 O 24 HJ	1.7/8" -12 UN	1.7/8" -12 UN	48	54	43.69 x 3.00
W45 O 32 HJ	2.1/2" -12 UN	2.1/2" -12 UN	66	70	59.36 x 3.00

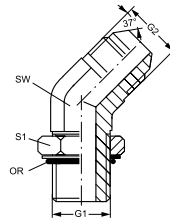
SW, S1, S2 = With across flats

Product versions:

W45 O HJ VA - Screw-in socket, angle 45°, Stainless steel

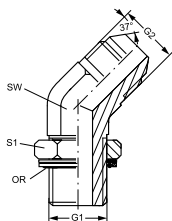
W45 HMO HJ**Screw-in socket, angle 45°**

Connection 1: metric cylindrical outer thread
Sealing form 1: O-ring seal on screw-in socket
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Screw-in sockets
Construction: Angle 45°
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	S1	OR
W45 HMO 10 HJ 04	M 10 x 1	7/16"-20 UNF	11	14	8.2 x 1.5
W45 HMO 10 HJ 05	M 10 x 1	1/2"-20 UNF	13	14	8.2 x 1.5
W45 HMO 12 HJ 04	M 12 x 1.5	7/16"-20 UNF	13	17	9.4 x 2.1
W45 HMO 12 HJ 05	M 12 x 1.5	1/2"-20 UNF	13	17	9.4 x 2.1
W45 HMO 14 HJ 05	M 14 x 1.5	1/2"-20 UNF	13	19	11.4 x 2.1
W45 HMO 14 HJ 06	M 14 x 1.5	9/16"-18 UNF	14	19	11.4 x 2.1
W45 HMO 16 HJ 06	M 16 x 1.5	9/16"-18 UNF	19	22	13.4 x 2.1
W45 HMO 16 HJ 08	M 16 x 1.5	3/4"-16 UNF	19	22	13.4 x 2.1
W45 HMO 18 HJ 08	M 18 x 1.5	3/4"-16 UNF	19	24	15.4 x 2.1
W45 HMO 18 HJ 10	M 18 x 1.5	7/8"-14 UNF	22	24	15.4 x 2.1
W45 HMO 22 HJ 10	M 22 x 1.5	7/8"-14 UNF	22	27	19.4 x 2.1
W45 HMO 22 HJ 12	M 22 x 1.5	1.1/16"-12 UN	27	27	19.4 x 2.1
W45 HMO 27 HJ 12	M 27 x 2	1.1/16"-12 UN	27	32	23.7 x 2.8
W45 HMO 27 HJ 16	M 27 x 2	1.5/16"-12 UN	33	32	23.7 x 2.8
W45 HMO 33 HJ 16	M 33 x 2	1.5/16"-12 UN	33	41	29.7 x 2.8

SW, S1, S2 = With across flats

W45 HMOK HJ**Screw-in socket, angle 45°**

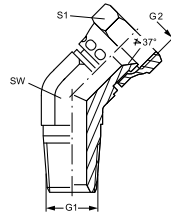
Connection 1: metric cylindrical outer thread
Sealing form 1: Thread socket with O-ring + spacer diaphragm ring
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Adjustable direction screw-in socket
Construction: Angle 45°
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm	S1	OR
W45 HMOK 10 HJ 04	M 10 x 1	7/16"-20 UNF	11	13	8.00 x 1.50
W45 HMOK 10 HJ 05	M 10 x 1	1/2"-20 UNF	13	13	8.00 x 1.50
W45 HMOK 12 HJ 04	M 12 x 1.5	7/16"-20 UNF	13	17	9.30 x 2.30
W45 HMOK 12 HJ 05	M 12 x 1.5	1/2"-20 UNF	13	17	9.30 x 2.30
W45 HMOK 14 HJ 05	M 14 x 1.5	1/2"-20 UNF	14	17	11.30 x 2.30
W45 HMOK 14 HJ 06	M 14 x 1.5	9/16"-18 UNF	14	17	11.30 x 2.30
W45 HMOK 16 HJ 06	M 16 x 1.5	9/16"-18 UNF	19	19	13.30 x 2.30
W45 HMOK 16 HJ 08	M 16 x 1.5	3/4"-16 UNF	19	19	13.30 x 2.30
W45 HMOK 18 HJ 06	M 18 x 1.5	9/16"-18 UNF	19	22	15.30 x 2.30
W45 HMOK 18 HJ 08	M 18 x 1.5	3/4"-16 UNF	19	22	15.30 x 2.30
W45 HMOK 18 HJ 10	M 18 x 1.5	7/8"-14 UNF	22	22	15.30 x 2.30
W45 HMOK 20 HJ 10	M 20 x 1.5	7/8"-14 UNF	22	27	17.30 x 2.30
W45 HMOK 22 HJ 10	M 22 x 1.5	7/8"-14 UNF	22	27	19.30 x 2.30
W45 HMOK 22 HJ 12	M 22 x 1.5	1.1/16" -12 UN	27	27	19.30 x 2.30
W45 HMOK 26 HJ 14	M 26 x 1.5	1.3/16" -12 UN	27	35	23.50 x 2.60
W45 HMOK 27 HJ 12	M 27 x 2	1.1/16" -12 UN	27	32	23.47 x 2.95
W45 HMOK 27 HJ 16	M 27 x 2	1.5/16" -12 UN	33	32	23.47 x 2.95
W45 HMOK 33 HJ 16	M 33 x 2	1.5/16" -12 UN	33	38	29.74 x 2.95
W45 HMOK 42 HJ 20	M 42 x 2	1.5/8" -12 UN	41	50	38.00 x 3.00

SW, S1, S2 = With across flats

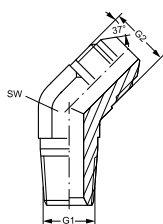
W45 HRK AJ**Screw-in socket, angle 45°**

Connection 1: BSPT conical external threads
Sealing form 1: thread seal
Connection 2: UN/UNF nut threads
Sealing form 2: 74° inner cone
Design: Screw-in sockets
Construction: Angle 45°
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	S1
W45 HRK 04 AJ	R 1/4" K	7/16"-20 UNF	14	16
W45 HRK 06 AJ	R 3/8" K	9/16"-18 UNF	19	19
W45 HRK 08 AJ	R 1/2" K	3/4"-16 UNF	22	22
W45 HRK 08 AJ 10	R 1/2" K	7/8"-14 UNF	22	27
W45 HRK 12 AJ	R 3/4" K	1.1/16" -12 UN	32	27

SW = Width across flats

W45 HRK HJ**Screw-in socket, angle 45°**

Connection 1: BSPT conical external threads
Sealing form 1: thread seal
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Adjustable direction screw-in socket
Construction: Angle 45°
Material: Steel
Surface: electro galvanised

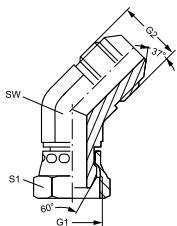
Identification	G1	G2	SW mm
W45 HRK 02 HJ 04	R 1/8" K	7/16"-20 UNF	11
W45 HRK 02 HJ 05	R 1/8" K	1/2"-20 UNF	13
W45 HRK 02 HJ 06	R 1/8" K	9/16"-18 UNF	14
W45 HRK 04 HJ	R 1/4" K	7/16"-20 UNF	14
W45 HRK 04 HJ 05	R 1/4" K	1/2"-20 UNF	22
W45 HRK 04 HJ 06	R 1/4" K	9/16"-18 UNF	14
W45 HRK 04 HJ 08	R 1/4" K	3/4"-16 UNF	19
W45 HRK 06 HJ 04	R 3/8" K	7/16"-20 UNF	19
W45 HRK 06 HJ 05	R 3/8" K	1/2"-20 UNF	14
W45 HRK 06 HJ	R 3/8" K	9/16"-18 UNF	19
W45 HRK 06 HJ 08	R 3/8" K	3/4"-16 UNF	19
W45 HRK 06 HJ 10	R 3/8" K	7/8"-14 UNF	22
W45 HRK 08 HJ 04	R 1/2" K	7/16"-20 UNF	22
W45 HRK 08 HJ 06	R 1/2" K	9/16"-18 UNF	22
W45 HRK 08 HJ	R 1/2" K	3/4"-16 UNF	22
W45 HRK 08 HJ 10	R 1/2" K	7/8"-14 UNF	22
W45 HRK 08 HJ 12	R 1/2" K	1.1/16" -12 UN	27
W45 HRK 12 HJ	R 3/4" K	1.1/16" -12 UN	37
W45 HRK 12 HJ 10	R 3/4" K	7/8"-14 UNF	27
W45 HRK 12 HJ 16	R 3/4" K	1.5/16" -12 UN	33
W45 HRK 16 HJ 10	R 1" K	7/8"-14 UNF	33
W45 HRK 16 HJ 12	R 1" K	1.1/16" -12 UN	33
W45 HRK 16 HJ	R 1" K	1.5/16" -12 UN	33
W45 HRK 16 HJ 20	R 1" K	1.5/8" -12 UN	41
W45 HRK 20 HJ	R 1.1/4" K	1.5/8" -12 UN	41
W45 HRK 24 HJ	R 1.1/2" K	1.7/8" -12 UN	48
W45 HRK 32 HJ	R 2" K	2.1/2" -12 UN	66

SW = Width across flats

W45 AB HJ

Connector, angle 45°

Connection 1: BSP nut thread
Sealing form 1: 60° inner cone
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Connectors
Construction: Angle 45°
Material: Steel
Surface: electro galvanised

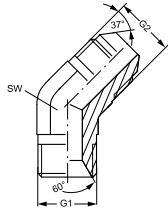


Identification	G1	G2	SW mm	S1
W45 AB 04 HJ	G 1/4" -19	7/16"-20 UNF	11	19
W45 AB 06 HJ	G 3/8" -19	9/16"-18 UNF	14	12
W45 AB 08 HJ	G 1/2" -14	3/4"-16 UNF	19	27
W45 AB 10 HJ	G 5/8" -14	7/8"-14 UNF	22	27
W45 AB 12 HJ	G 3/4" -14	1.1/16" -12 UN	27	32

SW, S1, S2 = With across flats

W45 HB HJ

Connection socket, angle 45°



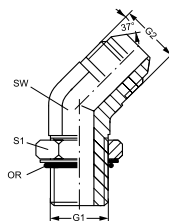
- Connection 1:** BSP external thread, cylindrical
- Sealing form 1:** 60° inner cone
- Connection 2:** UN/UNF external threads
- Sealing form 2:** 74° outer cone
- Design:** Connection sockets
- Construction:** Angle 45°
- Material:** Steel
- Surface:** electro galvanised

Identification	G1	G2	SW mm
W45 HB 04 HJ	G 1/4" -19	7/16"-20 UNF	14
W45 HB 04 HJ 05	G 1/4" -19	1/2"-20 UNF	13
W45 HB 06 HJ	G 3/8" -19	9/16"-18 UNF	19
W45 HB 06 HJ 08	G 3/8" -19	3/4"-16 UNF	19
W45 HB 08 HJ	G 1/2" -14	3/4"-16 UNF	22
W45 HB 08 HJ 10	G 1/2" -14	7/8"-14 UNF	22
W45 HB 10 HJ	G 5/8" -14	7/8"-14 UNF	27
W45 HB 12 HJ	G 3/4" -14	1.1/16" -12 UN	27
W45 HB 16 HJ	G 1" -11	1.5/16" -12 UN	33

SW = Width across flats

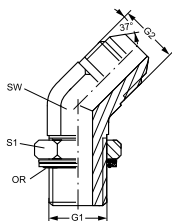
W45 HRO HJ**Screw-in socket, angle 45°**

Connection 1: BSP external thread, cylindrical
Sealing form 1: form G
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Adjustable direction screw-in socket
Construction: Angle 45°
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	S1	OR
W45 HRO 02 HJ 05	G 1/8" -28	1/2"-20 UNF	13	14	8.00 x 2.00
W45 HRO 04 HJ	G 1/4" -19	7/16"-20 UNF	14	19	10.77 x 2.62
W45 HRO 04 HJ 05	G 1/4" -19	1/2"-20 UNF	14	19	10.77 x 2.62
W45 HRO 04 HJ 08	G 1/4" -19	3/4"-16 UNF	19	19	10.77 x 2.62
W45 HRO 06 HJ 04	G 3/8" -19	7/16"-20 UNF	19	22	13.94 x 2.62
W45 HRO 06 HJ 05	G 3/8" -19	1/2"-20 UNF	19	22	13.94 x 2.62
W45 HRO 06 HJ	G 3/8" -19	9/16"-18 UNF	19	22	13.94 x 2.62
W45 HRO 06 HJ 10	G 3/8" -19	7/8"-14 UNF	22	22	13.94 x 2.62
W45 HRO 08 HJ 04	G 1/2" -14	7/16"-20 UNF	22	27	17.86 x 2.62
W45 HRO 08 HJ 06	G 1/2" -14	9/16"-18 UNF	22	27	17.86 x 2.62
W45 HRO 08 HJ	G 1/2" -14	3/4"-16 UNF	22	27	17.86 x 2.62
W45 HRO 08 HJ 12	G 1/2" -14	1.1/16"-12 UN	27	27	17.86 x 2.62
W45 HRO 12 HJ 08	G 3/4" -14	3/4"-16 UNF	27	36	23.47 x 2.62
W45 HRO 12 HJ 10	G 3/4" -14	7/8"-14 UNF	27	36	23.47 x 2.62
W45 HRO 24 HJ	G 1.1/2" -11	1.7/8" -12 UN	48	55	44.04 x 3.53

SW, S1, S2 = With across flats

W45 HROK HJ**Screw-in socket, angle 45°**

Connection 1:
Sealing form 1:

BSP external thread, cylindrical
Thread socket with O-ring + spacer
diaphragm ring

Connection 2:
Sealing form 2:

UN/UNF external threads
74° outer cone

Design:

Adjustable direction screw-in socket

Construction:

Angle 45°

Material:

Steel

Surface:

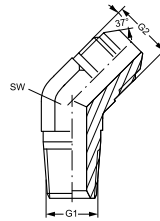
electro galvanised

Identification	G1	G2	SW mm	S1	OR
W45 HROK 02 HJ 04	G 1/8" -28	7/16"-20 UNF	11	14	8.00 x 2.00
W45 HROK 02 HJ 05	G 1/8" -28	1/2"-20 UNF	13	14	8.00 x 2.00
W45 HROK 04 HJ	G 1/4" -19	7/16"-20 UNF	19	14	10.77 x 2.62
W45 HROK 04 HJ 05	G 1/4" -19	1/2"-20 UNF	14	19	10.77 x 2.62
W45 HROK 04 HJ 06	G 1/4" -19	9/16"-18 UNF	14	19	10.77 x 2.62
W45 HROK 04 HJ 08	G 1/4" -19	3/4"-16 UNF	19	19	10.77 x 2.62
W45 HROK 06 HJ 04	G 3/8" -19	7/16"-20 UNF	19	22	13.94 x 2.62
W45 HROK 06 HJ 05	G 3/8" -19	1/2"-20 UNF	19	22	13.94 x 2.62
W45 HROK 06 HJ	G 3/8" -19	9/16"-18 UNF	19	22	13.94 x 2.62
W45 HROK 06 HJ 08	G 3/8" -19	3/4"-16 UNF	19	22	13.94 x 2.62
W45 HROK 06 HJ 10	G 3/8" -19	7/8"-14 UNF	22	22	13.94 x 2.62
W45 HROK 08 HJ 04	G 1/2" -14	7/16"-20 UNF	22	27	17.86 x 2.62
W45 HROK 08 HJ 06	G 1/2" -14	9/16"-18 UNF	22	27	17.86 x 2.62
W45 HROK 08 HJ	G 1/2" -14	3/4"-16 UNF	22	27	17.86 x 2.62
W45 HROK 08 HJ 10	G 1/2" -14	7/8"-14 UNF	22	27	17.86 x 2.62
W45 HROK 08 HJ 12	G 1/2" -14	1.1/16"-12 UN	27	27	17.86 x 2.62
W45 HROK 10 HJ	G 5/8" -14	7/8"-14 UNF	22	27	19.70 x 2.62
W45 HROK 10 HJ 12	G 5/8" -14	1.1/16"-12 UN	27	36	19.70 x 2.62
W45 HROK 12 HJ 08	G 3/4" -14	3/4"-16 UNF	27	36	23.47 x 2.62
W45 HROK 12 HJ 10	G 3/4" -14	7/8"-14 UNF	27	36	23.47 x 2.62
W45 HROK 12 HJ	G 3/4" -14	1.1/16"-12 UN	27	36	23.47 x 2.62
W45 HROK 12 HJ 16	G 3/4" -14	1.5/16"-12 UN	33	36	23.47 x 2.62
W45 HROK 16 HJ 12	G 1" -11	1.1/16"-12 UN	33	41	29.74 x 3.53
W45 HROK 16 HJ	G 1" -11	1.5/16"-12 UN	33	41	23.47 x 3.53
W45 HROK 16 HJ 20	G 1" -11	1.5/8"-12 UN	41	41	29.74 x 3.53
W45 HROK 20 HJ 16	G 1.1/4" -11	1.5/16"-12 UN	33	50	37.69 x 3.53
W45 HROK 20 HJ	G 1.1/4" -11	1.5/8"-12 UN	41	50	37.96 x 3.53
W45 HROK 20 HJ 24	G 1.1/4" -11	1.7/8"-12 UN	48	50	37.69 x 3.53
W45 HROK 24 HJ	G 1.1/2" -11	1.7/8"-12 UN	48	55	44.04 x 3.53

SW, S1, S2 = With across flats

W45 HN HJ**Screw-in socket, angle 45°**

Connection 1: NPT external threads
Sealing form 1: thread seal
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Screw-in sockets
Construction: Angle 45°
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm
W45 HN 02 HJ 04	1/8" -27 NPT	7/16"-20 UNF	11
W45 HN 02 HJ 05	1/8" -27 NPT	1/2"-20 UNF	13
W45 HN 02 HJ 06	1/8" -27 NPT	9/16"-18 UNF	14
W45 HN 04 HJ	1/4" -18 NPT	7/16"-20 UNF	14
W45 HN 04 HJ 05	1/4" -18 NPT	1/2"-20 UNF	14
W45 HN 04 HJ 06	1/4" -18 NPT	9/16"-18 UNF	14
W45 HN 04 HJ 08	1/4" -18 NPT	3/4"-16 UNF	19
W45 HN 06 HJ	3/8" -18 NPT	9/16"-18 UNF	19
W45 HN 06 HJ 08	3/8" -18 NPT	3/4"-16 UNF	19
W45 HN 06 HJ 10	3/8" -18 NPT	7/8"-14 UNF	22
W45 HN 08 HJ	1/2" -14 NPT	3/4"-16 UNF	22
W45 HN 08 HJ 06	1/2" -14 NPT	9/16"-18 UNF	22
W45 HN 08 HJ 10	1/2" -14 NPT	7/8"-14 UNF	22
W45 HN 08 HJ 12	1/2" -14 NPT	1.1/16" -12 UN	27
W45 HN 12 HJ	3/4" -14 NPT	1.1/16" -12 UN	27
W45 HN 12 HJ 08	3/4" -14 NPT	3/4"-16 UNF	27
W45 HN 12 HJ 10	3/4" -14 NPT	7/8"-14 UNF	27
W45 HN 12 HJ 14	3/4" -14 NPT	1.3/16" -12 UN	33
W45 HN 12 HJ 16	3/4" -14 NPT	1.5/16" -12 UN	33
W45 HN 16 HJ	1" -11.5 NPT	1.5/16" -12 UN	33
W45 HN 16 HJ 12	1" -11.5 NPT	1.1/16" -12 UN	33
W45 HN 16 HJ 20	1" -11.5 NPT	1.5/8" -12 UN	41
W45 HN 20 HJ	1.1/4" -11.5 NPT	1.5/8" -12 UN	41
W45 HN 24 HJ	1.1/2" -11.5 NPT	1.7/8" -12 UN	48
W45 HN 32 HJ	2" -11.5 NPT	2.1/2" -12 UN	55

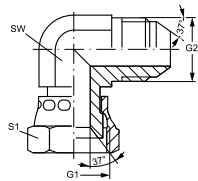
SW = Width across flats

Product versions:

W45 HN HJ VA - Screw-in socket, angle 45°, Stainless steel

W90 AJ HJ

Screw-on socket, angle 90°



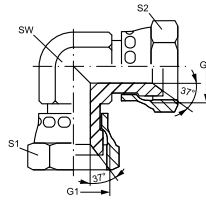
- Connection 1: UN/UNF nut threads
- Sealing form 1: 74° inner cone
- Connection 2: UN/UNF external threads
- Sealing form 2: 74° outer cone
- Design: Screw-on socket
- Construction: Angle 90°
- Material: Steel
- Surface: electro galvanised

Identification	G1 + G2	SW mm	S1
W90 AJ 04 HJ	7/16"-20 UNF	12	14
W90 AJ 05 HJ	1/2"-20 UNF	13	17
W90 AJ 06 HJ	9/16"-18 UNF	14	19
W90 AJ 08 HJ	3/4"-16 UNF	19	22
W90 AJ 10 HJ	7/8"-14 UNF	22	27
W90 AJ 12 HJ	1.1/16" -12 UN	27	32
W90 AJ 14 HJ	1.3/16" -12 UN	33	36
W90 AJ 16 HJ	1.5/16" -12 UN	33	41
W90 AJ 20 HJ	1.5/8" -12 UN	41	50
W90 AJ 24 HJ	1.7/8" -12 UN	48	60
W90 AJ 32 HJ	2.1/2" -12 UN	65	75
SW, S1, S2 = With across flats			

Product versions:
W90 AJ HJ VA - Screw-on socket, angle 90°, Stainless steel

W90 AJ**Connection socket, angle 90°**

Connection 1: UN/UNF nut threads
Sealing form 1: 74° inner cone
Connection 2: UN/UNF nut threads
Sealing form 2: 74° inner cone
Design: Connection sockets
Construction: Angle 90°
Material: Steel
Surface: electro galvanised

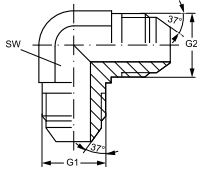


Identification	G1 + G2	SW mm	S1 + S2 mm
W90 AJ 04	7/16"-20 UNF	12	17
W90 AJ 05	1/2"-20 UNF	13	17
W90 AJ 06	9/16"-18 UNF	14	19
W90 AJ 08	3/4"-16 UNF	19	24
W90 AJ 10	7/8"-14 UNF	24	27
W90 AJ 12	1.1/16"-12 UN	24	32
W90 AJ 16	1.5/16"-12 UN	33	41

SW, S1, S2 = With across flats

W90 HJ

Fitting socket, angle 90°



- Connection 1: UN/UNF external threads
- Sealing form 1: 74° outer cone
- Connection 2: UN/UNF external threads
- Sealing form 2: 74° outer cone
- Design: Fitting socket
- Construction: Angle 90°
- Material: Steel
- Surface: electro galvanised

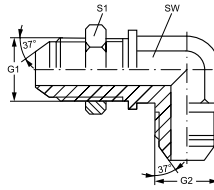
3

Identification	G1 + G2	SW mm
W90 HJ 04	7/16"-20 UNF	11
W90 HJ 05	1/2"-20 UNF	13
W90 HJ 06	9/16"-18 UNF	14
W90 HJ 08	3/4"-16 UNF	19
W90 HJ 10	7/8"-14 UNF	22
W90 HJ 12	1.1/16" -12 UN	27
W90 HJ 14	1.3/16" -12 UN	30
W90 HJ 16	1.5/16" -12 UN	33
W90 HJ 20	1.5/8" -12 UN	41
W90 HJ 24	1.7/8" -12 UN	48
W90 HJ 32	2.1/2" -12 UN	64
SW = Width across flats		

Product versions:
W90 HJ VA - Fitting socket, angle 90°, Stainless steel

SW 90 HJ**Bulkhead fitting socket, angle 90°**

Connection 1: UN/UNF external threads
Sealing form 1: 74° outer cone
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Bulkhead fitting socket
Construction: Angle 90°
Material: Steel
Surface: electro galvanised



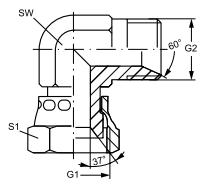
Identification	G1 + G2	SW mm	S1
SW 90 HJ 04	7/16"-20 UNF	11	17
SW 90 HJ 05	1/2"-20 UNF	13	19
SW 90 HJ 06	9/16"-18 UNF	14	22
SW 90 HJ 08	3/4"-16 UNF	19	24
SW 90 HJ 10	7/8"-14 UNF	22	30
SW 90 HJ 12	1.1/16" -12 UN	27	36
SW 90 HJ 14	1.3/16" -12 UN	41	38
SW 90 HJ 16	1.5/16" -12 UN	41	41
SW 90 HJ 20	1.5/8" -12 UN	41	48
SW 90 HJ 24	1.7/8" -12 UN	55	55
SW, S1, S2 = With across flats			

Product versions:

SW 90 HJ VA - Bulkhead fitting socket, angle 90°, Stainless steel

W90 AJ HB

Connection socket, angle 90°



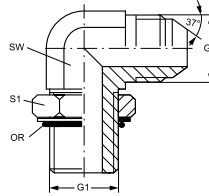
- Connection 1: UN/UNF nut threads
- Sealing form 1: 74° inner cone
- Connection 2: BSP cylindrical external threads
- Sealing form 2: 60° inner cone
- Design: Connection sockets
- Construction: Angle 90°
- Material: Steel
- Surface: electro galvanised

Identification	G1	G2	SW mm	S1
W90 AJ 04 HB	7/16"-20 UNF	G 1/4" -19	17	17
W90 AJ 06 HB	9/16"-18 UNF	G 3/8" -19	19	14
W90 AJ 08 HB	3/4"-16 UNF	G 1/2" -14	22	19
W90 AJ 10 HB	7/8"-14 UNF	G 5/8" -14	27	22
W90 AJ 12 HB	1.1/16" -12 UN	G 3/4" -14	32	27

SW, S1, S2 = With across flats

W90 O HJ**Screw-in socket, AGJ, angle 90°**

Connection 1: UN/UNF external threads
Sealing form 1: O-ring seal on screw-in socket
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Adjustable direction screw-in socket
Construction: Angle 90°
Material: Steel
Surface: electro galvanised

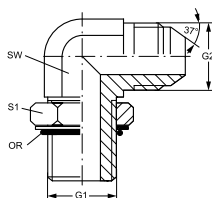


Identification	G1	G2	SW mm	S1	OR
W90 O 04 HJ	7/16"-20 UNF	7/16"-20 UNF	12	14	9.17 x 1.63
W90 O 04 HJ 05	7/16"-20 UNF	1/2"-20 UNF	12	14	9.17 x 1.63
W90 O 04 HJ 06	7/16"-20 UNF	9/16"-18 UNF	12	14	9.17 x 1.63
W90 O 05 HJ 04	1/2"-20 UNF	7/16"-20 UNF	13	17	10.52 x 1.83
W90 O 05 HJ	1/2"-20 UNF	1/2"-20 UNF	13	17	10.52 x 1.83
W90 O 05 HJ 06	1/2"-20 UNF	9/16"-18 UNF	13	17	10.52 x 1.83
W90 O 06 HJ 04	9/16"-18 UNF	7/16"-20 UNF	14	17	11.90 x 1.98
W90 O 06 HJ 05	9/16"-18 UNF	1/2"-20 UNF	14	17	11.90 x 1.98
W90 O 06 HJ	9/16"-18 UNF	9/16"-18 UNF	14	17	11.90 x 1.98
W90 O 06 HJ 08	9/16"-18 UNF	3/4"-16 UNF	14	17	11.90 x 1.98
W90 O 08 HJ	3/4"-16 UNF	3/4"-16 UNF	19	22	16.36 x 2.20
W90 O 08 HJ 06	3/4"-16 UNF	9/16"-18 UNF	19	22	16.36 x 2.20
W90 O 08 HJ 10	3/4"-16 UNF	7/8"-14 UNF	19	22	16.36 x 2.20
W90 O 08 HJ 12	3/4"-16 UNF	1.1/16"-12 UN	19	22	16.36 x 2.20
W90 O 10 HJ 08	7/8"-14 UNF	3/4"-16 UNF	22	27	19.18 x 2.46
W90 O 10 HJ 06	7/8"-14 UNF	9/16"-18 UNF	22	27	19.18 x 2.46
W90 O 10 HJ	7/8"-14 UNF	7/8"-14 UNF	22	27	19.18 x 2.46
W90 O 10 HJ 12	7/8"-14 UNF	1.1/16"-12 UN	22	27	19.18 x 2.46
W90 O 12 HJ 08	1.1/16"-12 UN	3/4"-16 UNF	27	32	23.47 x 2.95
W90 O 12 HJ	1.1/16"-12 UN	1.1/16"-12 UN	27	32	23.47 x 2.95
W90 O 12 HJ 16	1.1/16"-12 UN	1.5/16"-12 UN	27	32	23.47 x 2.95
W90 O 12 HJ 10	1.1/16"-12 UN	7/8"-14 UNF	27	32	23.47 x 2.95
W90 O 16 HJ	1.5/16"-12 UN	1.5/16"-12 UN	33	41	29.74 x 2.95
W90 O 16 HJ 12	1.5/16"-12 UN	1.1/16"-12 UN	33	41	29.74 x 2.95
W90 O 16 HJ 20	1.5/16"-12 UN	1.5/8"-12 UN	33	41	29.74 x 2.95
W90 O 20 HJ 16	1.5/8"-12 UN	1.5/16"-12 UN	41	50	37.47 x 3.00
W90 O 20 HJ	1.5/8"-12 UN	1.5/8"-12 UN	41	50	37.47 x 3.00
W90 O 24 HJ	1.7/8"-12 UN	1.7/8"-12 UN	48	55	43.69 x 3.00
W90 O 32 HJ	2.1/2"-12 UN	2.1/2"-12 UN	65	70	59.36 x 3.00

SW, S1, S2 = With across flats

Product versions:

W90 O HJ VA - Screw-in socket, AGJ, angle 90°, Stainless steel

W90 HMO HJ**Screw-in socket, angle 90°**

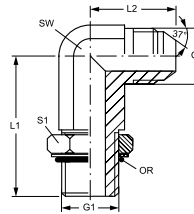
Connection 1: metric cylindrical outer thread
Sealing form 1: O-ring seal on screw-in socket
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Adjustable direction screw-in socket
Construction: Angle 90°
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm	S1	OR
W90 HMO 10 HJ 04	M 10 x 1	7/16"-20 UNF	11	14	8.2 x 1.5
W90 HMO 10 HJ 05	M 10 x 1	1/2"-20 UNF	13	14	8.2 x 1.5
W90 HMO 12 HJ 04	M 12 x 1.5	7/16"-20 UNF	13	17	9.4 x 2.1
W90 HMO 12 HJ 05	M 12 x 1.5	1/2"-20 UNF	13	17	9.4 x 2.1
W90 HMO 14 HJ 04	M 14 x 1.5	7/16"-20 UNF	19	19	11.4 x 2.1
W90 HMO 14 HJ 05	M 14 x 1.5	1/2"-20 UNF	13	19	11.4 x 2.1
W90 HMO 14 HJ 06	M 14 x 1.5	9/16"-18 UNF	14	19	11.4 x 2.1
W90 HMO 16 HJ 06	M 16 x 1.5	9/16"-18 UNF	19	22	13.4 x 2.1
W90 HMO 16 HJ 08	M 16 x 1.5	3/4"-16 UNF	19	22	13.4 x 2.1
W90 HMO 18 HJ 06	M 18 x 1.5	9/16"-18 UNF	22	22	15.4 x 2.1
W90 HMO 18 HJ 08	M 18 x 1.5	3/4"-16 UNF	19	24	15.4 x 2.1
W90 HMO 18 HJ 10	M 18 x 1.5	7/8"-14 UNF	22	24	15.4 x 2.1
W90 HMO 20 HJ 08	M 20 x 1.5	3/4"-16 UNF	19	24	17.3 x 2.4
W90 HMO 20 HJ 10	M 20 x 1.5	7/8"-14 UNF	22	24	17.3 x 2.4
W90 HMO 22 HJ 08	M 22 x 1.5	3/4"-16 UNF	19	27	19.4 x 2.1
W90 HMO 22 HJ 10	M 22 x 1.5	7/8"-14 UNF	22	27	19.4 x 2.1
W90 HMO 22 HJ 12	M 22 x 1.5	1.1/16" -12 UN	27	27	19.4 x 2.1
W90 HMO 27 HJ 12	M 27 x 2	1.1/16" -12 UN	27	32	23.7 x 2.8
W90 HMO 27 HJ 16	M 27 x 2	1.5/16" -12 UN	33	32	23.7 x 2.8
W90 HMO 33 HJ 16	M 33 x 2	1.5/16" -12 UN	33	41	29.7 x 2.8
W90 HMO 42 HJ 20	M 42 x 2	1.5/8" -12 UN	41	50	38.7 x 2.8
W90 HMO 48 HJ 24	M 48 x 2	1.7/8" -12 UN	48	55	46.7 x 2.8

SW, S1, S2 = With across flats

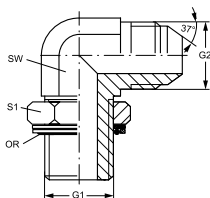
W90 HMO L HJ**Screw-in socket, long, angle 90°**

Connection 1: metric cylindrical outer thread
Sealing form 1: O-ring seal on screw-in socket
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Screw-in socket, long
Construction: Angle 90°
Material: Steel
Surface: electro galvanised



Identification	G1	G2	L1 mm	L2 mm	SW mm	S1	OR
W90 HMO L 10 HJ 05	M 10 x 1	1/2"-20 UNF	49,5	24,0	13	15	8.0 x 1.5
W90 HMO L 12 HJ 05	M 12 x 1.5	1/2"-20 UNF	53,5	27,0	13	18	9.3 x 2.4
W90 HMO L 14 HJ 06	M 14 x 1.5	9/16"-18 UNF	56,5	27,0	14	20	11.3 x 2.4
W90 HMO L 16 HJ 06	M 16 x 1.5	9/16"-18 UNF	67,0	28,5	19	20	13.3 x 2.4
W90 HMO L 18 HJ 08	M 18 x 1.5	3/4"-16 UNF	67,0	31,5	19	25	15.3 x 2.4
W90 HMO L 18 HJ 10	M 18 x 1.5	7/8"-14 UNF	75,0	36,5	22	25	15.3 x 2.4
W90 HMO L 22 HJ 10	M 22 x 1.5	7/8"-14 UNF	78,0	36,5	22	28	19.3 x 2.4

SW, S1, S2 = With across flats

W90 HMOK HJ**Screw-in socket, angle 90°**

Connection 1:
Sealing form 1:

metric cylindrical outer thread
Thread socket with O-ring + spacer
diaphragm ring

Connection 2:
Sealing form 2:

UN/UNF external threads
74° outer cone

Design:

Adjustable direction screw-in socket
Angle 90°

Construction:

Steel

Material:

electro galvanised

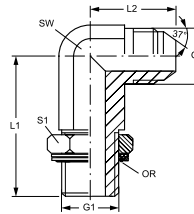
Surface:

Identification	G1	G2	SW mm	S1	OR
W90 HMOK 10 HJ 04	M 10 x 1	7/16"-20 UNF	11	13	8.0 x 1.5
W90 HMOK 10 HJ 05	M 10 x 1	1/2"-20 UNF	13	13	8.0 x 1.5
W90 HMOK 12 HJ 04	M 12 x 1.5	7/16"-20 UNF	13	17	9.4 x 2.1
W90 HMOK 12 HJ 05	M 12 x 1.5	1/2"-20 UNF	13	17	9.4 x 2.1
W90 HMOK 14 HJ 05	M 14 x 1.5	1/2"-20 UNF	14	17	11.4 x 2.1
W90 HMOK 14 HJ 06	M 14 x 1.5	9/16"-18 UNF	14	17	11.4 x 2.1
W90 HMOK 16 HJ 06	M 16 x 1.5	9/16"-18 UNF	19	19	13.4 x 2.1
W90 HMOK 16 HJ 08	M 16 x 1.5	3/4"-16 UNF	19	19	13.4 x 2.1
W90 HMOK 18 HJ 06	M 18 x 1.5	9/16"-18 UNF	22	22	15.4 x 2.1
W90 HMOK 18 HJ 08	M 18 x 1.5	3/4"-16 UNF	19	22	15.4 x 2.1
W90 HMOK 18 HJ 10	M 18 x 1.5	7/8"-14 UNF	22	22	15.4 x 2.1
W90 HMOK 20 HJ 10	M 20 x 1.5	7/8"-14 UNF	22	24	17.3 x 2.4
W90 HMOK 22 HJ 10	M 22 x 1.5	7/8"-14 UNF	22	27	19.4 x 2.1
W90 HMOK 22 HJ 12	M 22 x 1.5	1.1/16"-12 UN	27	27	19.4 x 2.1
W90 HMOK 26 HJ 14	M 26 x 1.5	1.3/16"-12 UN	33	32	23.5 x 2.6
W90 HMOK 27 HJ 12	M 27 x 2	1.1/16"-12 UN	27	32	23.7 x 2.8
W90 HMOK 27 HJ 16	M 27 x 2	1.5/16"-12 UN	33	32	23.7 x 2.8
W90 HMOK 33 HJ 16	M 33 x 2	1.5/16"-12 UN	33	38	29.7 x 2.8
W90 HMOK 42 HJ 20	M 42 x 2	1.5/8"-12 UN	41	50	38.7 x 2.8
W90 HMOK 48 HJ 24	M 48 x 2	1.7/8"-12 UN	48	55	46.7 x 2.8

SW, S1, S2 = With across flats

W90 HMOK L HJ**Screw-in socket, long, angle 90°**

Connection 1: metric cylindrical outer thread
Sealing form 1: O-ring seal on screw-in socket
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Screw-in socket, long
Construction: Angle 90°
Material: Steel
Surface: electro galvanised

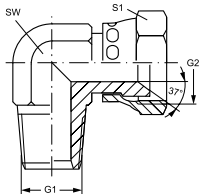


Identification	G1	G2	L1 mm	L2 mm	SW mm	S1	OR
W90 HMOK L 10 HJ 05	M 10 x 1	1/2"-20 UNF	49,5	24,0	13	15	8.0 x 1.5
W90 HMOK L 12 HJ 05	M 12 x 1.5	1/2"-20 UNF	53,5	27,0	13	18	9.3 x 2.4
W90 HMOK L 14 HJ 06	M 14 x 1.5	9/16"-18 UNF	56,5	27,0	14	20	11.3 x 2.4
W90 HMOK L 16 HJ 06	M 16 x 1.5	9/16"-18 UNF	67,0	28,5	19	22	13.3 x 2.4
W90 HMOK L 18 HJ 08	M 18 x 1.5	3/4"-16 UNF	67,0	31,5	19	25	15.3 x 2.4
W90 HMOK L 18 HJ 10	M 18 x 1.5	7/8"-14 UNF	75,0	36,5	22	25	15.3 x 2.4
W90 HMOK L 20 HJ 10	M 20 x 1.5	7/8"-14 UNF	78,0	36,5	22	28	17.3 x 2.4
W90 HMOK L 22 HJ 10	M 22 x 1.5	7/8"-14 UNF	78,0	36,5	22	28	19.3 x 2.4

SW, S1, S2 = With across flats

W90 HRK AJ

Screw-in socket, angle 90°



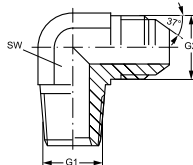
- Connection 1: BSPT conical external threads
- Sealing form 1: thread seal
- Connection 2: UN/UNF nut threads
- Sealing form 2: 74° outer cone
- Design: Screw-in sockets
- Construction: Angle 90°
- Material: Steel
- Surface: electro galvanised

Identification	G1	G2	SW mm	S1	S2
W90 HRK 04 AJ	R 1/4" K	7/16"-20 UNF	14	16	18
W90 HRK 06 AJ	R 3/8" K	9/16"-18 UNF	19	19	22
W90 HRK 08 AJ	R 1/2" K	3/4"-16 UNF	22	22	32
W90 HRK 08 AJ 10	R 1/2" K	7/8"-14 UNF	22	27	25
W90 HRK 12AJ	R 3/4" K	1.1/16"-12 UN	27	32	21

SW, S1, S2 = With across flats

W90 HRK HJ**Screw-in socket, angle 90°**

Connection 1: BSPT conical external threads
Sealing form 1: thread seal
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Screw-in sockets
Construction: Angle 90°
Material: Steel
Surface: electro galvanised

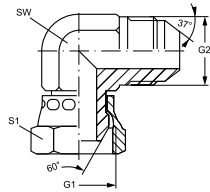


Identification	G1	G2	SW mm
W90 HRK 02 HJ 04	R 1/8" K	7/16"-20 UNF	11
W90 HRK 02 HJ 05	R 1/8" K	1/2"-20 UNF	13
W90 HRK 02 HJ 06	R 1/8" K	9/16"-18 UNF	14
W90 HRK 04 HJ	R 1/4" K	7/16"-20 UNF	14
W90 HRK 04 HJ 05	R 1/4" K	1/2"-20 UNF	14
W90 HRK 04 HJ 06	R 1/4" K	9/16"-18 UNF	14
W90 HRK 04 HJ 08	R 1/4" K	3/4"-16 UNF	19
W90 HRK 06 HJ 04	R 3/8" K	7/16"-20 UNF	19
W90 HRK 06 HJ 05	R 3/8" K	1/2"-20 UNF	19
W90 HRK 06 HJ	R 3/8" K	9/16"-18 UNF	19
W90 HRK 06 HJ 08	R 3/8" K	3/4"-16 UNF	19
W90 HRK 06 HJ 10	R 3/8" K	7/8"-14 UNF	22
W90 HRK 08 HJ 04	R 1/2" K	7/16"-20 UNF	22
W90 HRK 08 HJ 06	R 1/2" K	9/16"-18 UNF	22
W90 HRK 08 HJ	R 1/2" K	3/4"-16 UNF	22
W90 HRK 08 HJ 10	R 1/2" K	7/8"-14 UNF	22
W90 HRK 08 HJ 12	R 1/2" K	1.1/16" -12 UN	27
W90 HRK 12 HJ 08	R 3/4" K	3/4"-16 UNF	27
W90 HRK 12 HJ 10	R 3/4" K	7/8"-14 UNF	27
W90 HRK 12 HJ	R 3/4" K	1.1/16" -12 UN	27
W90 HRK 12 HJ 16	R 3/4" K	1.5/16" -12 UN	33
W90 HRK 16 HJ 10	R 1" K	7/8"-14 UNF	33
W90 HRK 16 HJ 12	R 1" K	1.1/16" -12 UN	33
W90 HRK 16 HJ	R 1" K	1.5/16" -12 UN	33
W90 HRK 16 HJ 20	R 1" K	1.5/8" -12 UN	41
W90 HRK 20 HJ 16	R 1.1/4" K	1.5/16" -12 UN	41
W90 HRK 20 HJ	R 1.1/4" K	1.5/8" -12 UN	41
W90 HRK 24 HJ	R 1.1/2" K	1.7/8" -12 UN	48
W90 HRK 32 HJ	R 2" K	2.1/2" -12 UN	66

SW = Width across flats

W90 AB HJ

Connector, angle 90°



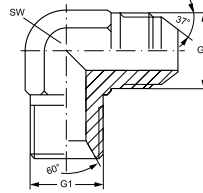
- Connection 1: BSP nut thread
- Sealing form 1: 60° inner cone
- Connection 2: UN/UNF external threads
- Sealing form 2: 74° outer cone
- Design: Connectors
- Construction: Angle 90°
- Material: Steel
- Surface: electro galvanised

Identification	G1	G2	SW mm	S1
W90 AB 04 HJ	G 1/4" -19	7/16"-20 UNF	11	14
W90 AB 06 HJ	G 3/8" -19	9/16"-18 UNF	14	19
W90 AB 08 HJ	G 1/2" -14	3/4"-16 UNF	19	22
W90 AB 10 HJ	G 5/8" -14	7/8"-14 UNF	22	22
W90 AB 12 HJ	G 3/4" -14	1.1/16"-12 UN	27	27

SW, S1, S2 = With across flats

W90 HB HJ**Connection socket, angle 90°**

Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Connection sockets
Construction: Angle 90°
Material: Steel
Surface: electro galvanised

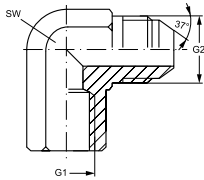


Identification	G1	G2	SW mm
W90 HB 04 HJ	G 1/4" -19	7/16"-20 UNF	14
W90 HB 04 HJ 05	G 1/4" -19	1/2"-20 UNF	14
W90 HB 04 HJ 06	G 1/4" -19	9/16"-18 UNF	14
W90 HB 06 HJ	G 3/8" -19	9/16"-18 UNF	19
W90 HB 06 HJ 08	G 3/8" -19	3/4"-16 UNF	19
W90 HB 08 HJ	G 1/2" -14	3/4"-16 UNF	22
W90 HB 08 HJ 10	G 1/2" -14	7/8"-14 UNF	22
W90 HB 10 HJ	G 5/8" -14	7/8"-14 UNF	22
W90 HB 12 HJ	G 3/4" -14	1.1/16" -12 UN	27
W90 HB 16 HJ	G 1" -11	1.5/16" -12 UN	33

SW = Width across flats

W90 IR HJ

Connection socket, IGR AGJ, angle 90°



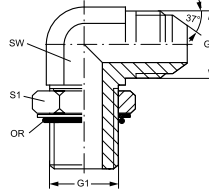
- Connection 1:** BSP cylindrical internal threads
- Sealing form 1:** flat sealing
- Connection 2:** UN/UNF external threads
- Sealing form 2:** 74° outer cone
- Design:** Connection sockets
- Construction:** Angle 90°
- Material:** Steel
- Surface:** electro galvanised

Identification	G1	G2	SW mm
W90 IR 02 HJ 04	G 1/8" -28	7/16"-20 UNF	14
W90 IR 02 HJ 05	G 1/8" -28	1/2"-20 UNF	14
W90 IR 04 HJ	G 1/4" -19	7/16"-20 UNF	19
W90 IR 04 HJ 05	G 1/4" -19	1/2"-20 UNF	19
W90 IR 04 HJ 06	G 1/4" -19	9/16"-18 UNF	19
W90 IR 04 HJ 08	G 1/4" -19	3/4"-16 UNF	19
W90 IR 06 HJ	G 3/8" -19	9/16"-18 UNF	22
W90 IR 06 HJ 08	G 3/8" -19	3/4"-16 UNF	22
W90 IR 08 HJ	G 1/2" -14	3/4"-16 UNF	27
W90 IR 08 HJ 10	G 1/2" -14	7/8"-14 UNF	27
W90 IR 08 HJ 12	G 1/2" -14	1.1/16" -12 UN	27
W90 IR 12 HJ	G 3/4" -14	1.1/16" -12 UN	33
W90 IR 16 HJ	G 1" -11	1.5/16" -12 UN	41
W90 IR 16 HJ 20	G 1" -11	1.5/8" -12 UN	48
W90 IR 20 HJ	G 1.1/4" -11	1.5/8" -12 UN	48

SW = Width across flats

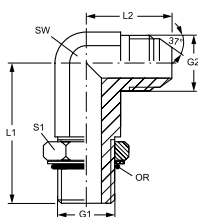
W90 HRO HJ**Screw-in socket, angle 90°**

Connection 1: BSP external thread, cylindrical
Sealing form 1: form G
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Adjustable direction screw-in socket
Construction: Angle 90°
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	S1	OR
W90 HRO 02 HJ 05	G 1/8" -28	1/2"-20 UNF	13	14	8.00 x 2.00
W90 HRO 06 HJ 04	G 3/8" -19	7/16"-20 UN	19	22	13.94 x 2.62
W90 HRO 06 HJ 05	G 3/8" -19	1/2"-20 UNF	19	22	13.94 x 2.62
W90 HRO 06 HJ 08	G 3/8" -19	3/4"-16 UNF	19	22	13.94 x 2.62
W90 HRO 06 HJ 10	G 3/8" -19	7/8"-14 UNF	22	22	13.94 x 2.62
W90 HRO 08 HJ 04	G 1/2" -14	7/16"-20 UNF	22	22	17.86 x 2.62
W90 HRO 08 HJ 06	G 1/2" -14	9/16"-18 UNF	22	27	17.86 x 2.62
W90 HRO 12 HJ	G 3/4" -14	1.1/16"-12 UN	27	36	23.47 x 2.62
W90 HRO 12 HJ 14	G 3/4" -14	1.3/16"-12 UN	33	36	23.47 x 2.62
W90 HRO 12 HJ 16	G 3/4" -14	1.5/16"-12 UN	33	36	23.47 x 2.62
W90 HRO 16 HJ 12	G 1" -11	1.1/16"-12 UN	33	41	29.74 x 3.53
W90 HRO 20 HJ 16	G 1.1/4" -11	1.5/16"-12 UN	33	36	37.69 x 3.53
W90 HRO 20 HJ 24	G 1.1/4" -11	1.7/8"-12 UN	48	50	37.69 x 3.53
W90 HRO 24 HJ	G 1.1/2" -11	1.7/8"-12 UN	48	55	44.04 x 3.53

SW, S1, S2 = With across flats

W90 HRO L HJ**Screw-in socket, long, angle 90°**

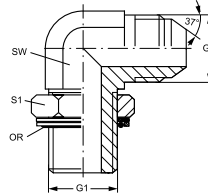
Connection 1: BSP external thread, cylindrical form G
Sealing form 1:
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Screw-in socket, long
Construction: Angle 90°
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm	L1 mm	L2 mm	S1	OR
W90 HRO L 04 HJ 06	G 1/4" -19	9/16"-18 UNF	14	56,5	27,0	19	8.00 x 2.00
W90 HRO L 04 HJ 08	G 1/4" -19	3/4"-16 UNF	19	64,0	31,5	19	8.00 x 2.00
W90 HRO L 06 HJ	G 3/8" -19	9/16"-18 UNF	19	67,0	28,5	22	13.94 x 2.62
W90 HRO L 06 HJ 08	G 3/8" -19	3/4"-16 UNF	19	67,0	31,5	22	13.94 x 2.62
W90 HRO L 06 HJ 10	G 3/8" -19	7/8"-14 UNF	22	75,0	36,5	22	17.86 x 2.62
W90 HRO L 08 HJ 06	G 1/2" -14	9/16"-18 UNF	22	78,0	31,0	27	17.86 x 2.62
W90 HRO L 08 HJ	G 1/2" -14	3/4"-16 UNF	22	78,0	34,0	27	17.86 x 2.62
W90 HRO L 08 HJ 10	G 1/2" -14	7/8"-14 UNF	22	78,0	36,5	27	17.86 x 2.62
W90 HRO L 08 HJ 12	G 1/2" -14	1.1/16"-12 UN	27	88,0	42,0	27	17.86 x 2.62
W90 HRO L 12 HJ 10	G 3/4" -14	7/8"-14 UNF	27	92,0	39,5	36	23.47 x 2.62
W90 HRO L 12 HJ	G 3/4" -14	1.1/16"-12 UN	27	92,0	42,0	36	23.47 x 2.62
W90 HRO L 12 HJ 16	G 3/4" -14	1.5/16"-12 UN	33	105,0	46,0	36	23.47 x 2.62
W90 HRO L 16 HJ 12	G 1" -11	1.1/16"-12 UN	33	105,0	44,5	41	29.74 x 3.53
W90 HRO L 16 HJ	G 1" -11	1.5/16"-12 UN	33	105,0	46,0	41	29.74 x 3.53
W90 HRO L 16 HJ 20	G 1" -11	1.5/8"-12 UN	41	124,0	52,0	41	29.74 x 3.53

SW, S1, S2 = With across flats

W90 HROK HJ**Screw-in socket, angle 90°**

Connection 1: BSP external thread, cylindrical
Sealing form 1: Thread socket with O-ring + spacer diaphragm ring
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Adjustable direction screw-in socket
Construction: Angle 90°
Material: Steel
Surface: electro galvanised

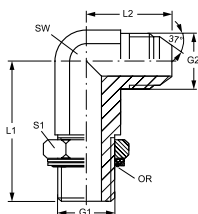


Identification	G1	G2	SW mm	S1	OR
W90 HROK 02 HJ 04	G 1/8" -28	7/16"-20 UNF	12	14	7.97 x 1.88
W90 HROK 02 HJ 05	G 1/8" -28	1/2"-20 UNF	14	14	7.97 x 1.88
W90 HROK 04 HJ	G 1/4" -19	7/16"-20 UNF	14	19	10.77 x 2.62
W90 HROK 04 HJ 05	G 1/4" -19	1/2"-20 UNF	14	19	10.77 x 2.62
W90 HROK 04 HJ 06	G 1/4" -19	9/16"-18 UNF	14	19	10.77 x 2.62
W90 HROK 04 HJ 08	G 1/4" -19	3/4"-16 UNF	19	19	10.77 x 2.62
W90 HROK 06 HJ 04	G 3/8" -19	7/16"-20 UNF	19	22	13.94 x 2.62
W90 HROK 06 HJ 05	G 3/8" -19	1/2"-20 UNF	19	22	13.94 x 2.62
W90 HROK 06 HJ	G 3/8" -19	9/16"-18 UNF	19	22	13.94 x 2.62
W90 HROK 06 HJ 08	G 3/8" -19	3/4"-16 UNF	19	22	13.94 x 2.62
W90 HROK 06 HJ 10	G 3/8" -19	7/8"-14 UNF	22	22	13.94 x 2.62
W90 HROK 08 HJ 04	G 1/2" -14	7/16"-20 UNF	19	27	17.86 x 2.62
W90 HROK 08 HJ	G 1/2" -14	3/4"-16 UNF	22	27	17.86 x 2.62
W90 HROK 08 HJ 06	G 1/2" -14	9/16"-18 UNF	22	27	17.86 x 2.62
W90 HROK 08 HJ 10	G 1/2" -14	7/8"-14 UNF	22	27	17.86 x 2.62
W90 HROK 08 HJ 12	G 1/2" -14	1.1/16"-12 UN	27	27	17.86 x 2.62
W90 HROK 10 HJ	G 5/8" -14	7/8"-14 UNF	22	30	19.70 x 2.62
W90 HROK 12 HJ 08	G 3/4" -14	3/4"-16 UNF	27	36	23.47 x 2.62
W90 HROK 12 HJ 10	G 3/4" -14	7/8"-14 UNF	27	36	23.47 x 2.62
W90 HROK 12 HJ	G 3/4" -14	1.1/16"-12 UN	27	36	23.47 x 2.62
W90 HROK 12 HJ 14	G 3/4" -14	1.3/16"-12 UN	33	36	23.47 x 2.62
W90 HROK 12 HJ 16	G 3/4" -14	1.5/16"-12 UN	33	36	23.47 x 2.62
W90 HROK 16 HJ 12	G 1" -11	1.1/16"-12 UN	33	41	29.74 x 3.53
W90 HROK 16 HJ	G 1" -11	1.5/16"-12 UN	33	41	29.74 x 3.53
W90 HROK 16 HJ 20	G 1" -11	1.5/8"-12 UN	41	41	29.74 x 3.53
W90 HROK 20 HJ 16	G 1.1/4" -11	1.5/16"-12 UN	41	50	37.69 x 3.53
W90 HROK 20 HJ	G 1.1/4" -11	1.5/8"-12 UN	41	50	37.69 x 3.53
W90 HROK 20 HJ 24	G 1.1/4" -11	1.7/8"-12 UN	48	50	37.69 x 3.53
W90 HROK 24 HJ	G 1.1/2" -11	1.7/8"-12 UN	48	55	44.04 x 3.53

SW, S1, S2 = With across flats

Product versions:

W90 HROK HJ VA - Screw-in socket, angle 90°, Stainless steel

W90 HROK L HJ**Screw-in socket, long, angle 90°**

Connection 1:
Sealing form 1:

BSP external thread, cylindrical
Thread socket with O-ring + spacer
diaphragm ring

Connection 2:
Sealing form 2:

UN/UNF external threads
74° outer cone

Design:

Screw-in socket, long

Construction:

Angle 90°

Material:

Steel

Surface:

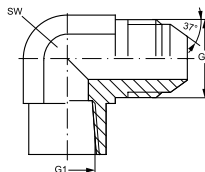
electro galvanised

Identification	G1	G2	SW mm	L1 mm	L2 mm	S1	OR
W90 HROK L 04 HJ 06	G 1/4" -19	9/16"-18 UNF	14	56,5	27,0	19	10.78 x 2.62
W90 HROK L 04 HJ 08	G 1/4" -19	3/4"-16 UNF	19	64,0	31,5	19	10.78 x 2.62
W90 HROK L 06 HJ	G 3/8" -19	9/16"-18 UNF	19	67,0	28,5	22	13.94 x 2.62
W90 HROK L 06 HJ 08	G 3/8" -19	3/4"-16 UNF	19	67,0	31,5	22	13.94 x 2.62
W90 HROK L 06 HJ 10	G 3/8" -19	7/8"-14 UNF	22	75,0	36,5	22	13.94 x 2.62
W90 HROK L 08 HJ	G 1/2" -14	3/4"-16 UNF	22	78,0	34,0	27	17.86 x 2.62
W90 HROK L 08 HJ 06	G 1/2" -14	9/16"-18 UNF	22	78,0	31,0	27	17.86 x 2.62
W90 HROK L 08 HJ 10	G 1/2" -14	7/8"-14 UNF	22	78,0	36,5	27	17.86 x 2.62
W90 HROK L 08 HJ 12	G 1/2" -14	1.1/16" -12 UN	27	88,0	42,0	27	17.86 x 2.62
W90 HROK L 12 HJ	G 3/4" -14	1.1/16" -12 UN	27	92,0	42,0	36	23.47 x 2.62
W90 HROK L 12 HJ 10	G 3/4" -14	7/8"-14 UNF	27	92,0	39,5	36	23.47 x 2.62
W90 HROK L 12 HJ 16	G 3/4" -14	1.5/16" -12 UN	33	105,0	46,0	36	23.47 x 2.62
W90 HROK L 16 HJ	G 1" -11	1.5/16" -12 UN	33	105,0	44,5	41	29.74 x 3.53
W90 HROK L 16 HJ 12	G 1" -11	1.1/16" -12 UN	33	105,0	44,5	41	29.74 x 3.53
W90 HROK L 16 HJ 20	G 1" -11	1.5/8" -12 UN	41	124,0	52,0	41	29.74 x 3.53

SW, S1, S2 = With across flats

W90 IN HJ**Screw-on socket, IGN AGJ angle 90°**

Connection 1: NPT internal thread
Sealing form 1: thread seal
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Screw-on socket
Construction: Angle 90°
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm
W90 IN 02 HJ 04	1/8" -27 NPT	7/16"-20 UNF	14
W90 IN 02 HJ 05	1/8" -27 NPT	1/2"-20 UNF	14
W90 IN 02 HJ 06	1/8" -27 NPT	9/16"-18 UNF	14
W90 IN 04 HJ	1/4" -18 NPT	7/16"-20 UNF	19
W90 IN 04 HJ 05	1/4" -18 NPT	1/2"-20 UNF	19
W90 IN 04 HJ 06	1/4" -18 NPT	9/16"-18 UNF	19
W90 IN 04 HJ 08	1/4" -18 NPT	3/4"-16 UNF	19
W90 IN 06 HJ	3/8" -18 NPT	9/16"-18 UNF	22
W90 IN 06 HJ 08	3/8" -18 NPT	3/4"-16 UNF	22
W90 IN 08 HJ	1/2" -14 NPT	3/4"-16 UNF	27
W90 IN 08 HJ 10	1/2" -14 NPT	7/8"-14 UNF	27
W90 IN 08 HJ 12	1/2" -14 NPT	1.1/16"-12 UN	27
W90 IN 12 HJ	3/4" -14 NPT	1.1/16"-12 UN	33
W90 IN 16 HJ	1" -11.5 NPT	1.5/16"-12 UN	41
W90 IN 20 HJ	1.1/4" -11.5 NPT	1.5/8"-12 UN	48
W90 IN 24 HJ	1.1/2" -11.5 NPT	1.7/8"-12 UN	64

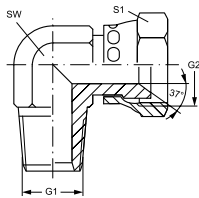
SW = Width across flats

Product versions:

W90 IN HJ VA - Screw-on socket, IGN AGJ angle 90°, Stainless steel

W90 HN AJ

Screw-in socket, angle 90°



- Connection 1:** NPT external threads
- Sealing form 1:** thread seal
- Connection 2:** UN/UNF nut threads
- Sealing form 2:** 74° inner cone
- Design:** Screw-in sockets
- Construction:** Angle 90°
- Material:** Steel
- Surface:** electro galvanised

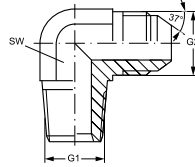
Identification	G1	G2	SW mm	S1
W90 HN 02 AJ 04	1/8" -27 NPT	7/16"-20 UNF	13	14
W90 HN 02 AJ 05	1/8" -27 NPT	1/2"-20 UNF	14	16
W90 HN 04 AJ	1/4" -18 NPT	7/16"-20 UNF	14	14
W90 HN 04 AJ 06	1/4" -18 NPT	9/16"-18 UNF	16	19
W90 HN 06 AJ	3/8" -18 NPT	9/16"-18 UNF	19	19
W90 HN 06 AJ 08	3/8" -18 NPT	3/4"-16 UNF	19	22
W90 HN 08 AJ 10	1/2" -14 NPT	7/8"-14 UNF	24	27
W90 HN 12 AJ	3/4" -14 NPT	1.1/16" -12 UN	27	32
W90 HN 16 AJ	1" -11.5 NPT	1.5/16" -12 UN	36	38

SW, S1, S2 = With across flats

Product versions:
W90 HN AJ VA - Screw-in socket, angle 90°, Stainless steel

W90 HN HJ**Screw-in socket, angle 90°**

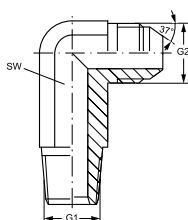
Connection 1: NPT external threads
Sealing form 1: thread seal
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Screw-in sockets
Construction: Angle 90°
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm
W90 HN 02 HJ	1/8" -27 NPT	5/16" -24 UN	8
W90 HN 02 HJ 04	1/8" -27 NPT	7/16" -20 UNF	11
W90 HN 02 HJ 05	1/8" -27 NPT	1/2" -20 UNF	13
W90 HN 02 HJ 06	1/8" -27 NPT	9/16" -18 UNF	14
W90 HN 04 HJ	1/4" -18 NPT	7/16" -20 UNF	14
W90 HN 04 HJ 05	1/4" -18 NPT	1/2" -20 UNF	14
W90 HN 04 HJ 06	1/4" -18 NPT	9/16" -18 UNF	14
W90 HN 04 HJ 08	1/4" -18 NPT	3/4" -16 UNF	19
W90 HN 06 HJ 04	3/8" -18 NPT	7/16" -20 UNF	19
W90 HN 06 HJ	3/8" -18 NPT	9/16" -18 UNF	19
W90 HN 06 HJ 05	3/8" -18 NPT	1/2" -20 UNF	19
W90 HN 06 HJ 08	3/8" -18 NPT	3/4" -16 UNF	19
W90 HN 06 HJ 10	3/8" -18 NPT	7/8" -14 UNF	22
W90 HN 08 HJ 04	1/2" -14 NPT	7/16" -20 UNF	22
W90 HN 08 HJ	1/2" -14 NPT	3/4" -16 UNF	22
W90 HN 08 HJ 05	1/2" -14 NPT	1/2" -20 UNF	19
W90 HN 08 HJ 06	1/2" -14 NPT	9/16" -18 UNF	22
W90 HN 08 HJ 10	1/2" -14 NPT	7/8" -14 UNF	22
W90 HN 08 HJ 12	1/2" -14 NPT	1.1/16" -12 UN	27
W90 HN 12 HJ	3/4" -14 NPT	1.1/16" -12 UN	27
W90 HN 12 HJ 06	3/4" -14 NPT	9/16" -18 UNF	27
W90 HN 12 HJ 08	3/4" -14 NPT	3/4" -16 UNF	27
W90 HN 12 HJ 10	3/4" -14 NPT	7/8" -14 UNF	27
W90 HN 12 HJ 14	3/4" -14 NPT	1.3/16" -12 UN	31
W90 HN 12 HJ 16	3/4" -14 NPT	1.5/16" -12 UN	33
W90 HN 16 HJ	1" -11.5 NPT	1.5/16" -12 UN	33
W90 HN 16 HJ 12	1" -11.5 NPT	1.1/16" -12 UN	33
W90 HN 16 HJ 20	1" -11.5 NPT	1.5/8" -12 UN	41
W90 HN 20 HJ 16	1.1/4" -11.5 NPT	1.5/16" -12 UN	45
W90 HN 20 HJ	1.1/4" -11.5 NPT	1.5/8" -12 UN	45
W90 HN 20 HJ 24	1.1/4" -11.5 NPT	1.7/8" -12 UN	48
W90 HN 24 HJ 20	1.1/2" -11.5 NPT	1.5/8" -12 UN	48
W90 HN 24 HJ	1.1/2" -11.5 NPT	1.7/8" -12 UN	48
W90 HN 32 HJ	2" -11.5 NPT	2.1/2" -12 UN	64

SW = Width across flats

Product versions:**W90 HN HJ VA** - Screw-in socket, angle 90°, Stainless steel

W90 HN L HJ**Screw-in socket, long, angle 90°**

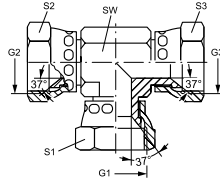
Connection 1: NPT external threads
Sealing form 1: thread seal
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Design: Screw-in socket, long
Construction: Angle 90°
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm
W90 HN L 02 HJ 04	1/8" -27 NPT	7/16" -20 UN	11
W90 HN L 04 HJ	1/4" -18 NPT	7/16" -20 UNF	14
W90 HN L 04 HJ 06	1/4" -18 NPT	9/16" -18 UNF	14
W90 HN L 06 HJ	3/8" -18 NPT	9/16" -18 UNF	19
W90 HN L 06 HJ 08	3/8" -18 NPT	3/4" -16 UNF	19
W90 HN L 08 HJ 10	1/2" -14 NPT	7/8" -14 UNF	22
W90 HN L 12 HJ	3/4" -14 NPT	1.1/16" -12 UN	27
W90 HN L 16 HJ	1" -11.5 NPT	1.5/16" -12 UN	33
W90 HN L 20 HJ	1.1/4" -11.5 NPT	1.5/8" -12 UN	41

SW = Width across flats

T AJ**Connection socket, T shaped**

Connection 1 - 3: UN/UNF nut threads
Sealing form 1 - 3: 74° inner cone
Design: Connection sockets
Construction: T shaped
Material: Steel
Surface: electro galvanised

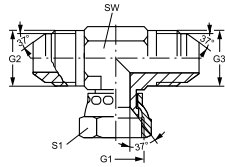


Identification	G1 - G3	SW mm	S1 - S3 mm
T AJ 04	7/16"-20 UNF	11	14
T AJ 05	1/2"-20 UNF	13	17
T AJ 06	9/16"-18 UNF	14	18
T AJ 08	3/4"-16 UNF	19	22
T AJ 10	7/8"-14 UNF	19	25
T AJ 12	1.1/16"-12 UN	27	32
T AJ 16	1.5/16"-12 UN	30	41
T AJ 20	1.5/8"-12 UN	41	50

SW, S1, S2 = With across flats

T AJ HJ

Screw-on socket, T shaped



- Connection 1:** UN/UNF nut threads
Sealing form 1: 74° inner cone
Connection 2 + 3: UN/UNF external threads
Sealing form 2 + 3: 74° outer cone
Design: Adjustable direction screw-on socket
Construction: T shaped
Material: Steel
Surface: electro galvanised

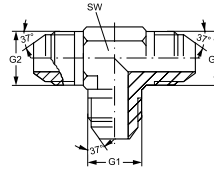
Identification	G1	G2 + G3	SW mm	S1
T AJ 04 HJ	7/16"-20 UNF	7/16"-20 UNF	11	16
T AJ 05 HJ	1/2"-20 UNF	1/2"-20 UNF	13	17
T AJ 06 HJ	9/16"-18 UNF	9/16"-18 UNF	14	19
T AJ 08 HJ	3/4"-16 UNF	3/4"-16 UNF	19	22
T AJ 10 HJ	7/8"-14 UNF	7/8"-14 UNF	22	27
T AJ 12 HJ	1.1/16" -12 UN	1.1/16" -12 UN	27	32
T AJ 16 HJ	1.5/16" -12 UN	1.5/16" -12 UN	33	38
T AJ 20 HJ	1.5/8" -12 UN	1.5/8" -12 UN	41	50
T AJ 24 HJ	1.7/8" -12 UN	1.7/8" -12 UN	48	55

SW, S1, S2 = With across flats

Product versions:
T AJ HJ VA - Screw-on socket, T shaped, Stainless steel

T HJ**Connection socket, T shaped**

Connection 1 - 3: UN/UNF external threads
Sealing form 1 - 3: 74° outer cone
Design: Connection sockets
Construction: T shaped
Material: Steel
Surface: electro galvanised



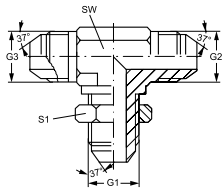
Identification	G1 - G3	SW mm
T HJ 04	7/16"-20 UNF	11
T HJ 05	1/2"-20 UNF	13
T HJ 06	9/16"-18 UNF	14
T HJ 08	3/4"-16 UNF	19
T HJ 10	7/8"-14 UNF	22
T HJ 12	1.1/16" -12 UN	27
T HJ 14	1.3/16" -12 UN	33
T HJ 16	1.5/16" -12 UN	33
T HJ 20	1.5/8" -12 UN	41
T HJ 24	1.7/8" -12 UN	48
T HJ 32	2.1/2" -12 UN	66
SW = Width across flats		

Product versions:

T HJ VA - Connection socket, T shaped, Stainless steel

TSV HJ

Bulkhead fitting socket, T shaped



Connection 1 - 3: UN/UNF external threads
Sealing form 1 - 3: 74° outer cone
Design: Bulkhead fitting socket
Construction: T shaped
Material: Steel
Surface: electro galvanised

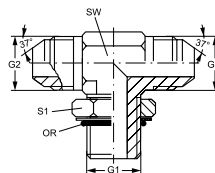
Identification	G1 - G3	SW mm	S1
T SV 04 HJ	7/16"-20 UNF	11	17
T SV 05 HJ	1/2"-20 UNF	14	19
T SV 06 HJ	9/16"-18 UNF	14	21
T SV 08 HJ	3/4"-16 UNF	19	25
T SV 10 HJ	7/8"-14 UNF	22	29
T SV 12 HJ	1.1/16" -12 UN	27	35

SW, S1, S2 = With across flats

Product versions:
TSV HJ VA - Bulkhead fitting socket, T shaped, Stainless steel

T O HJ**Screw-in socket, T shaped**

Connection 1: UN/UNF external threads
Sealing form 1: O-ring seal on screw-in socket
Connection 2 + 3: UN/UNF external threads
Sealing form 2 + 3:
3: 74° outer cone
Design: Adjustable direction screw-in socket
Construction: T shaped
Material: Steel
Surface: electro galvanised



Identification	G1	G2 + G3	SW mm	S1	OR
T O 04 HJ	7/16"-20 UNF	7/16"-20 UNF	11	14	8.92 x 1.83
T O 05 HJ	1/2"-20 UNF	1/2"-20 UNF	14	16	10.52 x 1.83
T O 06 HJ	9/16"-18 UNF	9/16"-18 UNF	14	17	11.90 x 1.98
T O 08 HJ	3/4"-16 UNF	3/4"-16 UNF	19	22	16.36 x 2.20
T O 10 HJ	7/8"-14 UNF	7/8"-14 UNF	22	27	19.18 x 2.46
T O 12 HJ	1.1/16"-12 UN	1.1/16"-12 UN	27	32	23.47 x 2.95
T O 16 HJ	1.5/16"-12 UN	1.5/16"-12 UN	33	38	29.74 x 2.95
T O 20 HJ	1.5/8"-12 UN	1.5/8"-12 UN	42	48	37.47 x 3.00

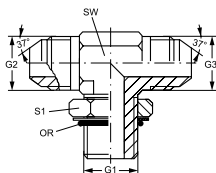
SW, S1, S2 = With across flats

Product versions:

T O HJ VA - Screw-in socket, T shaped, Stainless steel

T HMO HJ

Screw-in socket, T shaped



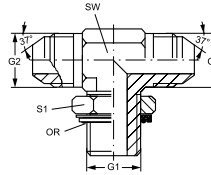
Connection 1: metric cylindrical outer thread
Sealing form 1: Shape F
Connection 2 + 3: UN/UNF external threads
Sealing form 2 + 3: 74° outer cone
Design: Adjustable direction screw-in socket
Construction: T shaped
Material: Steel
Surface: electro galvanised

Identification	G1	G2 + G3	SW mm	S1	OR
T HMO 10 HJ 04	M 10 x 1	7/16"-20 UNF	11	14	8.2 x 1.5
T HMO 10 HJ 05	M 10 x 1	1/2"-20 UNF	13	14	8.2 x 1.5
T HMO 12 HJ 04	M 12 x 1.5	7/16"-20 UNF	13	17	9.4 x 2.1
T HMO 12 HJ 05	M 12 x 1.5	1/2"-20 UNF	13	17	9.4 x 2.1
T HMO 14 HJ 05	M 14 x 1.5	1/2"-20 UNF	14	17	11.3 x 2.4
T HMO 14 HJ 06	M 14 x 1.5	9/16"-18 UNF	14	19	11.3 x 2.4
T HMO 16 HJ 06	M 16 x 1.5	9/16"-18 UNF	19	22	13.4 x 2.1
T HMO 16 HJ 08	M 16 x 1.5	3/4"-16 UNF	19	22	13.4 x 2.1
T HMO 18 HJ 06	M 18 x 1.5	9/16"-18 UNF	22	19	15.4 x 2.1
T HMO 18 HJ 08	M 18 x 1.5	3/4"-16 UNF	19	24	15.4 x 2.1
T HMO 18 HJ 10	M 18 x 1.5	7/8"-14 UNF	22	24	15.4 x 2.1
T HMO 22 HJ 10	M 22 x 1.5	7/8"-14 UNF	22	27	19.4 x 2.1
T HMO 22 HJ 12	M 22 x 1.5	1.1/16" -12 UN	27	27	19.4 x 2.1
T HMO 27 HJ 12	M 27 x 2	1.1/16" -12 UN	27	32	23.7 x 2.8
T HMO 27 HJ 16	M 27 x 2	1.5/16" -12 UN	33	32	23.7 x 2.8
T HMO 33 HJ 16	M 33 x 2	1.5/16" -12 UN	33	41	29.7 x 2.8
T HMO 42 HJ 20	M 42 x 2	1.5/8" -12 UN	41	50	38.7 x 2.8
T HMO 48 HJ 24	M 48 x 2	1.7/8" -12 UN	48	55	46.7 x 2.8

SW, S1, S2 = With across flats

T HMOK HJ**Screw-in socket, T shaped**

Connection 1: metric cylindrical outer thread
Sealing form 1: Thread socket with O-ring + spacer diaphragm ring
Connection 2 + 3: UN/UNF external threads
Sealing form 2 + 3: 74° outer cone
Design: Adjustable direction screw-in socket
Construction: T shaped
Material: Steel
Surface: electro galvanised

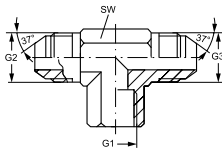


Identification	G1	G2 + G3	SW mm	S1	OR
T HMOK 10 HJ 04	M 10 x 1	7/16"-20 UNF	11	13	8.00 x 1.50
T HMOK 10 HJ 05	M 10 x 1	1/2"-20 UNF	13	14	8.00 x 1.50
T HMOK 12 HJ 04	M 12 x 1.5	7/16"-20 UNF	13	17	9.25 x 1.78
T HMOK 12 HJ 05	M 12 x 1.5	1/2"-20 UNF	13	17	9.25 x 1.78
T HMOK 14 HJ 05	M 14 x 1.5	1/2"-20 UNF	14	17	10.82 x 1.78
T HMOK 14 HJ 06	M 14 x 1.5	9/16"-18 UNF	14	17	10.82 x 1.78
T HMOK 16 HJ 06	M 16 x 1.5	9/16"-18 UNF	19	22	13.46 x 2.08
T HMOK 16 HJ 08	M 16 x 1.5	3/4"-16 UNF	19	19	13.46 x 2.08
T HMOK 18 HJ 06	M 18 x 1.5	9/16"-18 UNF	19	24	15.54 x 2.62
T HMOK 18 HJ 10	M 18 x 1.5	7/8"-14 UNF	22	24	15.54 x 2.62
T HMOK 22 HJ 10	M 22 x 1.5	7/8"-14 UNF	22	27	18.77 x 1.78
T HMOK 22 HJ 12	M 22 x 1.5	1.1/16"-12 UN	27	27	18.77 x 1.78
T HMOK 27 HJ 12	M 27 x 2	1.1/16"-12 UN	27	32	23.47 x 2.62
T HMOK 27 HJ 16	M 27 x 2	1.5/16"-12 UN	33	32	23.47 x 2.62
T HMOK 33 HJ 16	M 33 x 2	1.5/16"-12 UN	33	38	28.24 x 2.62
T HMOK 42 HJ 20	M 42 x 2	1.5/8"-12 UN	41	50	37.77 x 2.62
T HMOK 48 HJ 24	M 48 x 2	1.7/8"-12 UN	48	55	44.12 x 2.62

SW, S1, S2 = With across flats

T IR HJ

Connection socket, T shaped



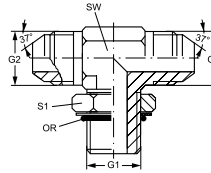
- Connection 1:** BSP cylindrical internal threads
Sealing form 1: Shape A
Connection 2 + 3: UN/UNF external threads
Sealing form 2 + 3: 74° outer cone
Design: Connection sockets
Construction: T shaped
Material: Steel
Surface: electro galvanised

Identification	G1	G2 + G3	SW mm
T IR 02 HJ 05	G 1/8" -28	1/2"-20 UNF	14
T IR 04 HJ	G 1/4" -19	9/16"-18 UNF	19
T IR 04 HJ 05	G 1/4" -19	1/2"-20 UNF	19
T IR 04 HJ 06	G 1/4" -19	9/16"-18 UNF	19
T IR 04 HJ 08	G 1/4" -19	3/4"-16 UNF	22
T IR 06 HJ 04	G 3/8" -19	7/16"-20 UNF	22
T IR 06 HJ	G 3/8" -19	9/16"-18 UNF	22
T IR 06 HJ 08	G 3/8" -19	3/4"-16 UNF	22
T IR 08 HJ	G 1/2" -14	3/4"-16 UNF	27
T IR 08 HJ 10	G 1/2" -14	7/8"-14 UNF	27
T IR 08 HJ 12	G 1/2" -14	1.1/16" -12 UN	33
T IR 12 HJ	G 3/4" -14	1.1/16" -12 UN	33
T IR 16 HJ	G 1" -11	1.5/16" -12 UN	41

SW = Width across flats

T HRO HJ**Screw-in socket, T shaped**

Connection 1: BSP external thread, cylindrical
Sealing form 1: form G
Connection 2 + 3: UN/UNF external threads
Sealing form 2 + 3:
3: 74° outer cone
Design: Adjustable direction screw-in socket
Construction: T shaped
Material: Steel
Surface: electro galvanised

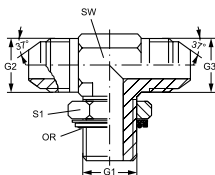


Identification	G1	G2 + G3	SW mm	S1	OR
T HRO 02 HJ 04	G 1/8" -28	7/16"-20 UNF	11	14	8.00 x 2.00
T HRO 02 HJ 05	G 1/8" -28	1/2"-20 UNF	14	14	8.00 x 2.00
T HRO 04 HJ	G 1/4" -19	7/16"-20 UNF	11	19	10.77 x 2.62
T HRO 04 HJ 05	G 1/4" -19	1/2"-20 UNF	14	19	10.77 x 2.62
T HRO 04 HJ 06	G 1/4" -19	9/16"-18 UNF	14	19	10.77 x 2.62
T HRO 04 HJ 08	G 1/4" -19	3/4"-16 UNF	19	19	10.77 x 2.62
T HRO 06 HJ 04	G 3/8" -19	7/16"-20 UNF	19	22	13.94 x 2.62
T HRO 06 HJ 05	G 3/8" -19	1/2"-20 UNF	19	22	13.94 x 2.62
T HRO 06 HJ	G 3/8" -19	9/16"-18 UNF	19	22	13.94 x 2.62
T HRO 06 HJ 08	G 3/8" -19	3/4"-16 UNF	19	22	13.94 x 2.62
T HRO 06 HJ 10	G 3/8" -19	7/8"-14 UNF	22	22	13.94 x 2.62
T HRO 08 HJ 04	G 1/2" -14	7/16"-20 UNF	22	27	17.86 x 2.62
T HRO 08 HJ 06	G 1/2" -14	9/16"-18 UNF	22	27	17.86 x 2.62
T HRO 08 HJ	G 1/2" -14	3/4"-16 UNF	22	27	17.86 x 2.62
T HRO 08 HJ 10	G 1/2" -14	7/8"-14 UNF	22	27	17.86 x 2.62
T HRO 08 HJ 12	G 1/2" -14	1.1/16"-12 UN	27	27	17.86 x 2.62
T HRO 12 HJ 08	G 3/4" -14	3/4"-16 UNF	27	36	23.47 x 2.62
T HRO 12 HJ 10	G 3/4" -14	7/8"-14 UNF	27	36	23.47 x 2.62
T HRO 12 HJ	G 3/4" -14	1.1/16"-12 UN	27	36	23.47 x 2.62
T HRO 12 HJ 16	G 3/4" -14	1.5/16"-12 UN	33	36	23.47 x 2.62
T HRO 16 HJ 12	G 1" -11	1.1/16"-12 UN	33	41	29.74 x 3.53
T HRO 16 HJ	G 1" -11	1.5/16"-12 UN	33	41	29.74 x 3.53
T HRO 16 HJ 20	G 1" -11	1.5/8"-12 UN	41	41	29.74 x 3.53
T HRO 20 HJ 16	G 1.1/4" -11	1.5/16"-12 UN	41	50	37.69 x 3.53
T HRO 20 HJ	G 1.1/4" -11	1.5/8"-12 UN	41	50	37.69 x 3.53
T HRO 20 HJ 24	G 1.1/4" -11	1.7/8"-12 UN	48	50	37.69 x 3.53
T HRO 24 HJ	G 1.1/2" -11	1.7/8"-12 UN	48	60	44.04 x 3.53

SW, S1, S2 = With across flats

T HROK HJ

Screw-in socket, T shaped



Connection 1:

Sealing form 1:

Connection 2 + 3:

Sealing form 2 +

3:

Design:

Construction:

Material:

Surface:

BSP external thread, cylindrical
Thread socket with O-ring + spacer
diaphragm ring

UN/UNF external threads

74° outer cone

Adjustable direction screw-in socket

T shaped

Steel

electro galvanised

Identification	G1	G2 + G3	SW mm	S1	OR
T HROK 02 HJ 04	G 1/8" -28	7/16"-20 UNF	11	14	8.00 x 2.00
T HROK 02 HJ 05	G 1/8" -28	1/2"-20 UNF	14	14	8.00 x 2.00
T HROK 04 HJ	G 1/4" -19	7/16"-20 UNF	14	19	10.77 x 2.62
T HROK 04 HJ 05	G 1/4" -19	1/2"-20 UNF	14	14	10.77 x 2.62
T HROK 04 HJ 06	G 1/4" -19	9/16"-18 UNF	14	19	10.77 x 2.62
T HROK 04 HJ 08	G 1/4" -19	3/4"-16 UNF	19	19	10.77 x 2.62
T HROK 06 HJ 04	G 3/8" -19	7/16"-20 UNF	19	22	13.94 x 2.62
T HROK 06 HJ 05	G 3/8" -19	1/2"-20 UNF	19	22	13.94 x 2.62
T HROK 06 HJ	G 3/8" -19	9/16"-18 UNF	19	22	13.94 x 2.62
T HROK 06 HJ 08	G 3/8" -19	3/4"-16 UNF	22	22	13.94 x 2.62
T HROK 06 HJ 10	G 3/8" -19	7/8"-14 UNF	22	22	13.94 x 2.62
T HROK 08 HJ 04	G 1/2" -14	7/16"-20 UNF	22	27	17.86 x 2.62
T HROK 08 HJ 06	G 1/2" -14	9/16"-18 UNF	22	27	17.86 x 2.62
T HROK 08 HJ	G 1/2" -14	3/4"-16 UNF	22	27	17.86 x 2.62
T HROK 08 HJ 10	G 1/2" -14	7/8"-14 UNF	22	27	17.86 x 2.62
T HROK 08 HJ 12	G 1/2" -14	1.1/16"-12 UN	27	27	17.86 x 2.62
T HROK 12 HJ 08	G 3/4" -14	3/4"-16 UNF	27	36	23.47 x 2.62
T HROK 12 HJ 10	G 3/4" -14	7/8"-14 UNF	27	36	23.47 x 2.62
T HROK 12 HJ	G 3/4" -14	1.1/16"-12 UN	27	36	23.47 x 2.62
T HROK 12 HJ 16	G 3/4" -14	1.5/16"-12 UN	33	36	23.47 x 2.62
T HROK 16 HJ 12	G 1" -11	1.1/16"-12 UN	33	41	29.74 x 3.53
T HROK 16 HJ	G 1" -11	1.5/16"-12 UN	33	41	29.74 x 3.53
T HROK 16 HJ 20	G 1" -11	1.5/8"-12 UN	41	41	29.74 x 3.53
T HROK 20 HJ 16	G 1.1/4" -11	1.5/16"-12 UN	41	50	37.69 x 3.53
T HROK 20 HJ	G 1.1/4" -11	1.5/8"-12 UN	41	50	37.69 x 3.53
T HROK 20 HJ 24	G 1.1/4" -11	1.7/8"-12 UN	48	50	37.69 x 3.53
T HROK 24 HJ	G 1.1/2" -11	1.7/8"-12 UN	48	60	44.04 x 3.53

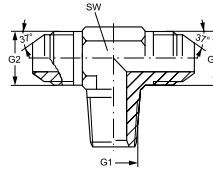
SW, S1, S2 = With across flats

Product versions:

T HROK HJ VA - Screw-in socket, T shaped, Stainless steel

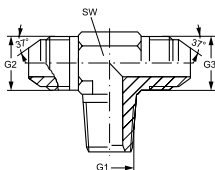
T HRK HJ**Screw-in socket, T shaped**

Connection 1: BSPT conical external threads
Sealing form 1: thread seal
Connection 2 + 3: UN/UNF external threads
Sealing form 2 + 3:
3: 74° outer cone
Design: Adjustable direction screw-in socket
Construction: T shaped
Material: Steel
Surface: electro galvanised



Identification	G1	G2 + G3	SW mm
T HRK 02 HJ 04	R 1/8" K	7/16"-20 UNF	11
T HRK 02 HJ 05	R 1/8" K	1/2"-20 UNF	13
T HRK 04 HJ	R 1/4" K	7/16"-20 UNF	14
T HRK 04 HJ 05	R 1/4" K	1/2"-20 UNF	14
T HRK 04 HJ 06	R 1/4" K	9/16"-18 UNF	14
T HRK 06 HJ	R 3/8" K	9/16"-18 UNF	19
T HRK 06 HJ 08	R 3/8" K	3/4"-16 UNF	19
T HRK 06 HJ 10	R 3/8" K	7/8"-14 UNF	19
T HRK 08 HJ	R 1/2" K	3/4"-16 UNF	22
T HRK 08 HJ 10	R 1/2" K	7/8"-14 UNF	22
T HRK 08 HJ 12	R 1/2" K	1.1/16"-12 UN	27
T HRK 12 HJ	R 3/4" K	1.1/16"-12 UN	27
T HRK 12 HJ 10	R 3/4" K	7/8"-14 UNF	27
T HRK 16 HJ	R 1" K	1.5/16"-12 UN	33

SW = Width across flats

T HN HJ**Screw-in socket, T shaped**

Connection 1: NPT external threads
Sealing form 1: thread seal
Connection 2 + 3: UN/UNF external threads
Sealing form 2 + 3: 74° outer cone
Design: Screw-in sockets
Construction: T shaped
Material: Steel
Surface: electro galvanised

Identification	G1	G2 + G3	SW mm
T HN 02 HJ 04	1/8" -27 NPT	7/16"-20 UNF	11
T HN 02 HJ 05	1/8" -27 NPT	1/2"-20 UNF	14
T HN 02 HJ 06	1/8" -27 NPT	9/16"-18 UNF	14
T HN 04 HJ	1/4" -18 NPT	7/16"-20 UNF	14
T HN 04 HJ 05	1/4" -18 NPT	1/2"-20 UNF	14
T HN 04 HJ 06	1/4" -18 NPT	9/16"-18 UNF	14
T HN 04 HJ 08	1/4" -18 NPT	3/4"-16 UNF	19
T HN 06 HJ	3/8" -18 NPT	9/16"-18 UNF	19
T HN 06 HJ 08	3/8" -18 NPT	3/4"-16 UNF	19
T HN 06 HJ 10	3/8" -18 NPT	7/8"-14 UNF	22
T HN 08 HJ 06	1/2" -14 NPT	9/16"-18 UNF	22
T HN 08 HJ	1/2" -14 NPT	3/4"-16 UNF	22
T HN 08 HJ 10	1/2" -14 NPT	7/8"-14 UNF	22
T HN 08 HJ 12	1/2" -14 NPT	1.1/16"-12 UN	27
T HN 12 HJ	3/4" -14 NPT	1.1/16"-12 UN	27
T HN 12 HJ 16	3/4" -14 NPT	1.5/16"-12 UN	33
T HN 16 HJ	1" -11.5 NPT	1.5/16"-12 UN	33
T HN 20 HJ	1.1/4" -11.5 NPT	1.5/8"-12 UN	41
T HN 24 HJ	1.1/2" -11.5 NPT	1.7/8"-12 UN	48

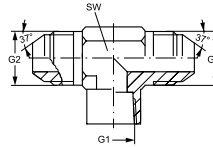
SW = Width across flats

Product versions:

T HN HJ VA - Screw-in socket, T shaped, Stainless steel

T IN HJ**Screw-on socket, T shaped**

Connection 1: NPT internal thread
Sealing form 1: thread seal
Connection 2 + 3: UN/UNF external threads
Sealing form 2 + 3: 74° outer cone
Design: Screw-on socket
Construction: T shaped
Material: Steel
Surface: electro galvanised



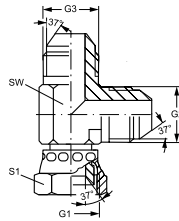
Identification	G1	G2 + G3	SW mm
T IN 02 HJ 04	1/8" -27 NPT	7/16"-20 UNF	14
T IN 02 HJ 05	1/8" -27 NPT	1/2"-20 UNF	14
T IN 04 HJ	1/4" -18 NPT	7/16"-20 UNF	19
T IN 04 HJ 05	1/4" -18 NPT	1/2"-20 UNF	19
T IN 04 HJ 06	1/4" -18 NPT	9/16"-18 UNF	19
T IN 04 HJ 08	1/4" -18 NPT	3/4"-16 UNF	19
T IN 06 HJ	3/8" -18 NPT	9/16"-18 UNF	22
T IN 06 HJ 08	3/8" -18 NPT	3/4"-16 UNF	22
T IN 08 HJ 10	1/2" -14 NPT	7/8"-14 UNF	27
T IN 08 HJ 12	1/2" -14 NPT	1.1/16"-12 UN	27
T IN 12 HJ	3/4" -14 NPT	1.1/16"-12 UN	33
T IN 16 HJ	1" -11.5 NPT	1.5/16"-12 UN	41
T IN 20 HJ	1.1/4" -11.5 NPT	1.5/8"-12 UN	48
T IN 24 HJ	1.1/2" -11.5 NPT	1.7/8"-12 UN	64
SW = Width across flats			

Product versions:

T IN HJ VA - Screw-on socket, T shaped, Stainless steel

L AJ HJ

Screw-on socket, L shaped



Connection 1: UN/UNF nut threads
Sealing form 1: 74° inner cone
Connection 2 + 3: UN/UNF external threads
Sealing form 2 + 3: 74° outer cone
Design: Adjustable direction screw-on socket
Construction: L shaped
Material: Steel
Surface: electro galvanised

Identification	G1	G2 + G3	SW mm	S1
L AJ 04 HJ	7/16"-20 UNF	7/16"-20 UNF	12	14
L AJ 05 HJ	1/2"-20 UNF	1/2"-20 UNF	13	17
L AJ 06 HJ	9/16"-18 UNF	9/16"-18 UNF	14	19
L AJ 08 HJ	3/4"-16 UNF	3/4"-16 UNF	19	22
L AJ 10 HJ	7/8"-14 UNF	7/8"-14 UNF	22	17
L AJ 12 HJ	1.1/16" -12 UN	1.1/16" -12 UN	27	32
L AJ 14 HJ	1.3/16" -12 UN	1.3/16" -12 UN	33	36
L AJ 16 HJ	1.5/16" -12 UN	1.5/16" -12 UN	33	41
L AJ 20 HJ	1.5/8" -12 UN	1.5/8" -12 UN	41	50
L AJ 24 HJ	1.7/8" -12 UN	1.7/8" -12 UN	48	60

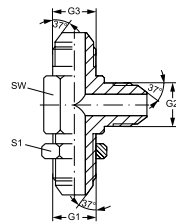
SW, S1, S2 = With across flats

Product versions:

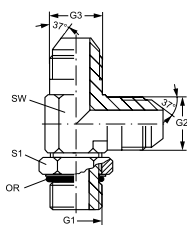
L AJ HJ VA - Screw-on socket, L shaped, Stainless steel

L SV HJ**Bulkhead fitting socket, L shape**

Connection 1 - 3: UN/UNF external threads
Sealing form 1 - 3: 74° outer cone
Design: Bulkhead fitting socket
Construction: L shaped
Material: Steel
Surface: electro galvanised



Identification	G1 - G3	SW mm	S1
L SV 04 HJ	7/16"-20 UNF	11	17
L SV 05 HJ	1/2"-20 UNF	14	19
L SV 06 HJ	9/16"-18 UNF	14	21
L SV 08 HJ	3/4"-16 UNF	19	25
L SV 10 HJ	7/8"-14 UNF	22	29
L SV 12 HJ	1.1/16"-12 UN	27	35
SW, S1, S2 = With across flats			

LO HJ**Screw-in socket, L shaped**

Connection 1: UN/UNF external threads
Sealing form 1: O-ring seal on screw-in socket
Connection 2 + 3: UN/UNF external threads
Sealing form 2 + 3: 74° outer cone
Design: Adjustable direction screw-in socket
Construction: L shaped
Material: Steel
Surface: electro galvanised

Identification	G1	G2 + G3	SW mm	S1	OR
L O 04 HJ	7/16"-20 UNF	7/16"-20 UNF	11	14	8.92 x 1.83
L O 05 HJ	1/2"-20 UNF	1/2"-20 UNF	14	16	10.52 x 1.83
L O 06 HJ	9/16"-18 UNF	9/16"-18 UNF	14	17	15.40 x 2.10
L O 08 HJ	3/4"-16 UNF	3/4"-16 UNF	19	22	16.36 x 2.20
L O 08 HJ 06	3/4"-16 UNF	9/16"-18 UNF	19	22	16.36 x 2.20
L O 10 HJ	7/8"-14 UNF	7/8"-14 UNF	22	25	19.18 x 2.46
L O 10 HJ 12	7/8"-14 UNF	1.1/16" -12 UN	27	25	19.18 x 2.46
L O 12 HJ	1.1/16"-12 UN	1.1/16" -12 UN	27	32	23.47 x 2.95
L O 12 HJ 16	1.1/16"-12 UN	1.5/16" -12 UN	33	32	23.47 x 2.95
L O 16 HJ	1.5/16"-12 UN	1.5/16" -12 UN	33	38	29.74 x 2.95
L O 16 HJ 12	1.5/16"-12 UN	1.1/16" -12 UN	27	38	29.74 x 2.95
L O 20 HJ	1.5/8"-12 UN	1.5/8" -12 UN	41	48	37.47 x 3.00
L O 24 HJ	1.7/8"-12 UN	1.7/8" -12 UN	48	54	43.69 x 3.00

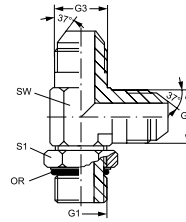
SW = Width across flats

Product versions:

L O HJ VA - Screw-in socket, L shaped, Stainless steel

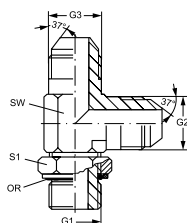
L HMO HJ**Screw-in socket, L shaped**

Connection 1: metric cylindrical outer thread
Sealing form 1: O-ring seal on screw-in socket
Connection 2 + 3: UN/UNF external threads
Sealing form 2 + 3:
3: 74° outer cone
Design: Adjustable direction screw-in socket
Construction: L shaped
Material: Steel
Surface: electro galvanised



Identification	G1	G2 + G3	SW mm	S1	OR
L HMO 10 HJ 04	M 10 x 1	7/16"-20 UNF	11	13	8.2 x 1.5
L HMO 10 HJ 05	M 10 x 1	1/2"-20 UNF	13	14	8.2 x 1.5
L HMO 12 HJ 04	M 12 x 1.5	7/16"-20 UNF	13	17	9.4 x 2.1
L HMO 12 HJ 05	M 12 x 1.5	1/2"-20 UNF	13	17	9.4 x 2.1
L HMO 14 HJ 06	M 14 x 1.5	9/16"-18 UNF	14	19	11.4 x 2.1
L HMO 16 HJ 06	M 16 x 1.5	9/16"-18 UNF	19	22	13.4 x 2.1
L HMO 16 HJ 08	M 16 x 1.5	3/4"-16 UNF	19	22	13.4 x 2.1
L HMO 18 HJ 08	M 18 x 1.5	3/4"-16 UNF	19	24	15.4 x 2.1
L HMO 18 HJ 10	M 18 x 1.5	7/8"-14 UNF	22	24	15.4 x 2.1
L HMO 22 HJ 10	M 22 x 1.5	7/8"-14 UNF	22	27	19.4 x 2.1
L HMO 22 HJ 12	M 22 x 1.5	1.1/16"-12 UN	27	27	19.4 x 2.1
L HMO 27 HJ 12	M 27 x 2	1.1/16"-12 UN	27	32	23.7 x 2.8
L HMO 27 HJ 16	M 27 x 2	1.5/16"-12 UN	27	32	23.7 x 2.8
L HMO 33 HJ 16	M 33 x 2	1.5/16"-12 UN	33	41	29.7 x 2.8
L HMO 42 HJ 20	M 42 x 2	1.5/8"-12 UN	41	50	38.7 x 2.8
L HMO 48 HJ 24	M 48 x 2	1.7/8"-12 UN	48	55	46.7 x 2.8

SW, S1, S2 = With across flats

L HMOK HJ**Screw-in socket, L shaped**

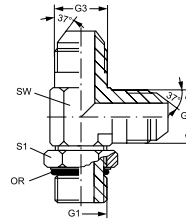
- Connection 1:** metric cylindrical outer thread
Sealing form 1: Thread socket with O-ring + spacer diaphragm ring
Connection 2 + 3: UN/UNF external threads
Sealing form 2 + 3: 74° outer cone
Design: Adjustable direction screw-in socket
Construction: L shaped
Material: Steel
Surface: electro galvanised

Identification	G1	G2 + G3	SW mm	S1	OR
L HMOK 10 HJ 04	M 10 x 1	7/16"-20 UNF	11	13	8.00 x 1.50
L HMOK 10 HJ 05	M 10 x 1	1/2"-20 UNF	13	14	8.00 x 1.50
L HMOK 12 HJ 04	M 12 x 1.5	7/16"-20 UNF	17	14	9.25 x 1.78
L HMOK 12 HJ 05	M 12 x 1.5	1/2"-20 UNF	13	17	9.25 x 1.78
L HMOK 14 HJ 05	M 14 x 1.5	1/2"-20 UNF	14	17	10.82 x 1.78
L HMOK 14 HJ 06	M 14 x 1.5	9/16"-18 UNF	14	17	10.82 x 1.78
L HMOK 16 HJ 06	M 16 x 1.5	9/16"-18 UNF	19	17	13.46 x 2.08
L HMOK 16 HJ 08	M 16 x 1.5	3/4"-16 UNF	19	19	13.46 x 2.08
L HMOK 18 HJ 06	M 18 x 1.5	9/16"-18 UNF	19	17	15.54 x 2.62
L HMOK 18 HJ 08	M 18 x 1.5	3/4"-16 UNF	19	22	15.54 x 2.62
L HMOK 18 HJ 10	M 18 x 1.5	7/8"-14 UNF	22	24	15.54 x 2.62
L HMOK 22 HJ 10	M 22 x 1.5	7/8"-14 UNF	22	27	18.77 x 1.78
L HMOK 22 HJ 12	M 22 x 1.5	1.1/16"-12 UN	27	27	18.77 x 1.78
L HMOK 27 HJ 12	M 27 x 2	1.1/16"-12 UN	27	32	23.47 x 2.62
L HMOK 27 HJ 16	M 27 x 2	1.5/16"-12 UN	32	27	23.47 x 2.62
L HMOK 33 HJ 16	M 33 x 2	1.5/16"-12 UN	33	38	28.24 x 2.62
L HMOK 42 HJ 20	M 42 x 2	1.5/8"-12 UN	41	50	37.77 x 2.62
L HMOK 48 HJ 24	M 48 x 2	1.7/8"-12 UN	48	55	44.12 x 2.62

SW, S1, S2 = With across flats

L HRO HJ**Screw-in socket, L shaped**

Connection 1: BSP external thread, cylindrical form G
Sealing form 1:
Connection 2 + 3: UN/UNF external threads
Sealing form 2 + 3: 74° outer cone
Design: Screw-in socket, straight
Construction: L shaped
Material: Steel
Surface: electro galvanised

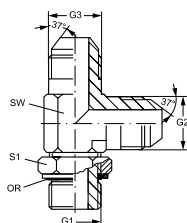


Identification	G1	G2 + G3	SW mm	S1	OR
L HRO 02 HJ 04	G 1/8" -28	7/16"-20 UNF	11	16	7.65 x 1.78
L HRO 02 HJ 05	G 1/8" -28	1/2"-20 UNF	14	16	7.65 x 1.78
L HRO 04 HJ	G 1/4" -19	7/16"-20 UNF	14	20	10.78 x 2.62
L HRO 04 HJ 05	G 1/4" -19	1/2"-20 UNF	14	20	10.78 x 2.62
L HRO 04 HJ 06	G 1/4" -19	9/16"-18 UNF	14	20	10.78 x 2.62
L HRO 04 HJ 08	G 1/4" -19	3/4"-16 UNF	19	20	10.78 x 2.62
L HRO 06 HJ 04	G 3/8" -19	7/16"-20 UNF	19	24	13.94 x 2.62
L HRO 06 HJ 05	G 3/8" -19	1/2"-20 UNF	19	24	13.94 x 2.62
L HRO 06 HJ	G 3/8" -19	9/16"-18 UNF	19	24	13.94 x 2.62
L HRO 06 HJ 08	G 3/8" -19	3/4"-16 UNF	19	24	13.94 x 2.62
L HRO 06 HJ 10	G 3/8" -19	7/8"-14 UNF	22	24	13.94 x 2.62
L HRO 08 HJ 06	G 1/2" -14	9/16"-18 UNF	22	28	17.86 x 2.62
L HRO 08 HJ	G 1/2" -14	3/4"-16 UNF	22	28	17.86 x 2.62
L HRO 08 HJ 10	G 1/2" -14	7/8"-14 UNF	22	28	17.86 x 2.62
L HRO 08 HJ 12	G 1/2" -14	1.1/16"-12 UN	27	28	17.86 x 2.62
L HRO 12 HJ 08	G 3/4" -14	3/4"-16 UNF	27	35	23.47 x 2.62
L HRO 12 HJ	G 3/4" -14	1.1/16"-12 UN	27	35	23.47 x 2.62
L HRO 12 HJ 10	G 3/4" -14	7/8"-14 UNF	27	35	23.47 x 2.62
L HRO 12 HJ 16	G 3/4" -14	1.5/16"-12 UN	27	35	23.47 x 2.62
L HRO 16 HJ 12	G 1" -11	1.1/16"-12 UN	33	43	29.74 x 3.53
L HRO 16 HJ 20	G 1" -11	1.5/8"-12 UN	41	43	29.74 x 3.53
L HRO 20 HJ 16	G 1.1/4" -11	1.5/16"-12 UN	41	52	37.69 x 3.53
L HRO 20 HJ	G 1.1/4" -11	1.5/8"-12 UN	41	52	37.69 x 3.53
L HRO 20 HJ 24	G 1.1/4" -11	1.7/8"-12 UN	48	52	37.69 x 3.53
L HRO 24 HJ	G 1.1/2" -11	1.7/8"-12 UN	48	58	44.04 x 3.53

SW = Width across flats

L HROK HJ

Screw-in socket, L shaped



Connection 1:
Sealing form 1:

BSP external thread, cylindrical
Thread socket with O-ring + spacer
diaphragm ring

Connection 2 + 3:
Sealing form 2 +

UN/UNF external threads

3:

74° outer cone

Design:

Adjustable direction screw-in socket

Construction:

L shaped

Material:

Steel

Surface:

electro galvanised

Identification	G1	G2 + G3	SW mm	S1	OR
L HROK 02 HJ 04	G 1/8" -28	7/16"-20 UNF	11	14	8.00 x 2.00
L HROK 02 HJ 05	G 1/8" -28	1/2"-20 UNF	13	14	8.00 x 2.00
L HROK 04 HJ	G 1/4" -19	7/16"-20 UNF	14	19	10.77 x 2.62
L HROK 04 HJ 05	G 1/4" -19	1/2"-20 UNF	14	19	10.77 x 2.62
L HROK 04 HJ 06	G 1/4" -19	9/16"-18 UNF	14	19	10.77 x 2.62
L HROK 04 HJ 08	G 1/4" -19	3/4"-16 UNF	19	19	10.77 x 2.62
L HROK 06 HJ 04	G 3/8" -19	7/16"-20 UNF	19	22	13.94 x 2.62
L HROK 06 HJ 05	G 3/8" -19	1/2"-20 UNF	19	22	13.94 x 2.62
L HROK 06 HJ	G 3/8" -19	9/16"-18 UNF	19	22	13.94 x 2.62
L HROK 06 HJ 08	G 3/8" -19	3/4"-16 UNF	19	22	13.94 x 2.62
L HROK 06 HJ 10	G 3/8" -19	7/8"-14 UNF	22	22	13.94 x 2.62
L HROK 08 HJ 06	G 1/2" -14	9/16"-18 UNF	22	27	17.86 x 2.62
L HROK 08 HJ	G 1/2" -14	3/4"-16 UNF	22	27	17.86 x 2.62
L HROK 08 HJ 10	G 1/2" -14	7/8"-14 UNF	22	27	17.86 x 2.62
L HROK 08 HJ 12	G 1/2" -14	1.1/16" -12 UN	27	27	17.86 x 2.62
L HROK 12 HJ 08	G 3/4" -14	3/4"-16 UNF	27	36	23.47 x 2.62
L HROK 12 HJ 10	G 3/4" -14	7/8"-14 UNF	27	36	23.47 x 2.62
L HROK 12 HJ	G 3/4" -14	1.1/16" -12 UN	27	36	23.47 x 2.62
L HROK 12 HJ 16	G 3/4" -14	1.5/16" -12 UN	33	36	23.47 x 2.62
L HROK 16 HJ 12	G 1" -11	1.1/16" -12 UN	33	41	29.74 x 3.53
L HROK 16 HJ	G 1" -11	1.5/16" -12 UN	33	41	29.74 x 3.53
L HROK 16 HJ 20	G 1" -11	1.5/8" -12 UN	41	41	29.74 x 3.53
L HROK 20 HJ 16	G 1.1/4" -11	1.5/16" -12 UN	41	41	37.69 x 3.53
L HROK 20 HJ	G 1.1/4" -11	1.5/8" -12 UN	41	50	37.69 x 3.53
L HROK 20 HJ 24	G 1.1/4" -11	1.7/8" -12 UN	48	50	37.69 x 3.53
L HROK 24 HJ	G 1.1/2" -11	1.7/8" -12 UN	48	55	44.04 x 3.53

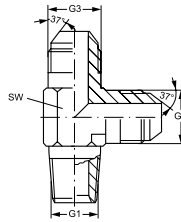
SW, S1, S2 = With across flats

Product versions:

L HROK HJ VA - Screw-in socket, L shaped, Stainless steel

L HN HJ**Screw-in socket, L shaped**

Connection 1: NPT external threads
Sealing form 1: thread seal
Connection 2 + 3: UN/UNF external threads
Sealing form 2 + 3:
3: 74° outer cone
Design: Screw-in sockets
Construction: L shaped
Material: Steel
Surface: electro galvanised



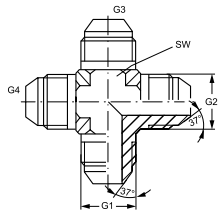
Identification	G1	G2 + G3	SW mm
L HN 02 HJ 04	1/8" -27 NPT	7/16"-20 UNF	11
L HN 02 HJ 05	1/8" -27 NPT	1/2"-20 UNF	14
L HN 02 HJ 06	1/8" -27 NPT	9/16"-18 UNF	14
L HN 04 HJ	1/4" -18 NPT	7/16"-20 UNF	14
L HN 04 HJ 05	1/4" -18 NPT	1/2"-20 UNF	14
L HN 04 HJ 06	1/4" -18 NPT	9/16"-18 UNF	14
L HN 06 HJ	3/8" -18 NPT	9/16"-18 UNF	19
L HN 06 HJ 08	3/8" -18 NPT	3/4"-16 UNF	19
L HN 08 HJ	1/2" -14 NPT	3/4"-16 UNF	22
L HN 08 HJ 10	1/2" -14 NPT	7/8"-14 UNF	22
L HN 08 HJ 12	1/2" -14 NPT	1.1/16" -12 UN	27
L HN 12 HJ 10	3/4" -14 NPT	7/8"-14 UNF	27
L HN 12 HJ	3/4" -14 NPT	1.1/16" -12 UN	27
L HN 12 HJ 14	3/4" -14 NPT	1.3/16" -12 UN	33
L HN 12 HJ 16	3/4" -14 NPT	1.5/16" -12 UN	33
L HN 16 HJ	1" -11.5 NPT	1.5/16" -12 UN	33
L HN 20 HJ	1.1/4" -11.5 NPT	1.5/8" -12 UN	41
SW = Width across flats			

Product versions:

L HN HJ VA - Screw-in socket, L shaped, Stainless steel

K HJ

Fitting socket, cross shaped



- Connection 1 - 4: UN/UNF external threads
- Sealing form 1 - 4: 74° outer cone
- Design: Fitting socket
- Construction: K shaped
- Material: Steel
- Surface: electro galvanised

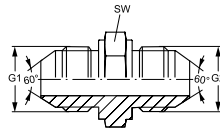
3

Identification	G1 - G4	SW mm
K HJ 04	7/16"-20 UNF	11
K HJ 05	1/2"-20 UNF	14
K HJ 06	9/16"-18 UNF	14
K HJ 08	3/4"-16 UNF	19
K HJ 10	7/8"-14 UNF	22
K HJ 12	1.1/16" -12 UN	27
K HJ 16	1.5/16" -12 UN	33
K HJ 20	1.5/8" -12 UN	41
K HJ 24	1.7/8" -12 UN	48
SW = Width across flats		

Product versions:
K HJ VA - Fitting socket, cross shaped, Stainless steel

G HJL**Connection sockets**

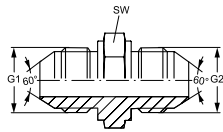
Connection 1: metric cylindrical outer thread
Sealing form 1: 60° outer cone
Connection 2: metric cylindrical outer thread
Sealing form 2: 60° outer cone
Design: Connection sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1 + G2	SW mm
G NW 06 HJL	M 14 x 1.5	19
G NW 08 HJL	M 16 x 1.5	22
G NW 10 HJL	M 18 x 1.5	22
G NW 13 HJL	M 22 x 1.5	27
G NW 16 HJL	M 24 x 1.5	32
G NW 20 HJL	M 30 x 1.5	37
G NW 25 HJL	M 33 x 1.5	41
SW = Width across flats		

G HJR

Connection sockets



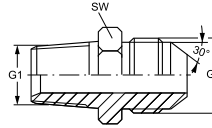
- Connection 1: BSP external thread, cylindrical
- Sealing form 1: 60° outer cone
- Connection 2: BSP cylindrical external threads
- Sealing form 2: 60° outer cone
- Design: Connection sockets
- Construction: straight
- Standard connection 2: JIS B 8363
- Material: Steel
- Surface: electro galvanised

Identification	G1 + G2	SW mm
G HJR 04	G 1/4" -19	19
G HJR 06	G 3/8" -19	22
G HJR 08	G 1/2" -14	27
G HJR 12	G 3/4" -14	32
G HJR 16	G 1" -11	41

SW = Width across flats

GE HRK HJL**Screw-in sockets**

Connection 1: BSPT conical external threads
Sealing form 1: thread seal
Connection 2: metric cylindrical outer thread
Sealing form 2: 60° outer cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

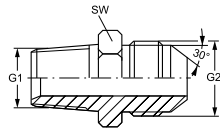


Identification	G1	G2	SW mm
GE HRK 04 NW 06 HJL	R 1/4" K	M 14 x 1.5	19
GE HRK 06 NW 08 HJL	R 3/8" K	M 16 x 1.5	22
GE HRK 06 NW 10 HJL	R 3/8" K	M 18 x 1.5	22
GE HRK 08 NW 13 HJL	R 1/2" K	M 22 x 1.5	27
GE HRK 08 NW 16 HJL	R 1/2" K	M 24 x 1.5	27
GE HRK 12 NW 20 HJL	R 3/4" K	M 30 x 1.5	37
GE HRK 16 NW 25 HJL	R 1" K	M 33 x 1.5	41

SW = Width across flats

GE HRK HJR

Screw-in sockets



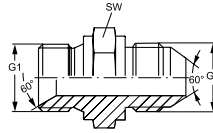
- Connection 1:** BSPT conical external threads
Sealing form 1: thread seal
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° outer cone
Design: Screw-in sockets
Construction: straight
Standard connection 2: JIS B 8363
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm
GE HRK 02 HJR	R 1/8" K	G 1/8" -28	14
GE HRK 04 HJR	R 1/4" K	G 1/4" -19	19
GE HRK 06 HJR	R 3/8" K	G 3/8" -19	22
GE HRK 08 HJR	R 1/2" K	G 1/2" -14	27
GE HRK 12 HJR	R 3/4" K	G 3/4" -14	37
GE HRK 16 HJR	R 1" K	G 1" -11	41
GE HRK 20 HJR	R 1.1/4" K	G 1.1/4" -11	50
GE HRK 24 HJR	R 1.1/2" K	G 1.1/2" -11	55

SW = Width across flats

G HB HJL**Screw-in sockets**

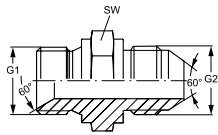
Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Connection 2: metric cylindrical outer thread
Sealing form 2: 60° outer cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm
G HB 04 NW 06 HJL	G 1/4" -19	M 14 x 1.5	19
G HB 06 NW 10 HJL	G 3/8" -19	M 18 x 1.5	22
G HB 06 NW 13 HJL	G 3/8" -19	M 22 x 1.5	22
G HB 08 NW 08 HJL 20	G 1/2" -14	M 20 x 1.5	27
G HB 08 NW 13 HJL	G 1/2" -14	M 22 x 1.5	27
G HB 10 NW 16 HJL	G 5/8" -14	M 24 x 1.5	32
G HB 12 NW 20 HJL	G 3/4" -14	M 30 x 1.5	37
G HB 16 NW 25 HJL	G 1" -11	M 33 x 1.5	41
SW = Width across flats			

G HB HJR

Screw-in sockets



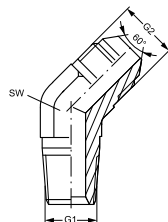
- Connection 1:** BSP external thread, cylindrical
- Sealing form 1:** 60° inner cone
- Connection 2:** BSP cylindrical external threads
- Sealing form 2:** 60° outer cone
- Design:** Screw-in sockets
- Construction:** straight
- Standard connection 2:** JIS B 8363
- Material:** Steel
- Surface:** electro galvanised

Identification	G1 + G2	SW mm
G HB 04 HJR	G 1/4" -19	19
G HB 06 HJR	G 3/8" -19	22
G HB 08 HJR	G 1/2" -14	27
G HB 12 HJR	G 3/4" -14	32
G HB 16 HJR	G 1" -11	41

SW = Width across flats

W45 HRK HJR**Screw-in socket, angle 45°**

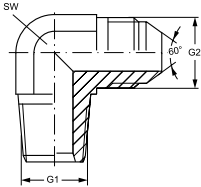
Connection 1: BSPT conical external threads
Sealing form 1: thread seal
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° outer cone
Design: Screw-in sockets
Construction: Angle 45°
Standard connection 2: JIS B 8363
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm
W45 HRK 04 HJR	R 1/4" K	G 1/4" -19	14
W45 HRK 06 HJR	R 3/8" K	G 3/8" -19	19
W45 HRK 08 HJR	R 1/2" K	G 1/2" -14	22
W45 HRK 12 HJR	R 3/4" K	G 3/4" -14	27
W45 HRK 16 HJR	R 1" K	G 1" -11	33
SW = Width across flats			

W90 HRK HJL

Screw-in socket, angle 90°



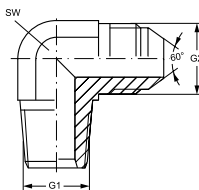
- Connection 1: BSPT conical external threads
- Sealing form 1: thread seal
- Connection 2: metric cylindrical outer thread
- Sealing form 2: 60° outer cone
- Design: Screw-in sockets
- Construction: Angle 90°
- Material: Steel
- Surface: electro galvanised

Identification	G1	G2	SW mm
W90 HRK 04 NW 06 HJL	R 1/4" K	M 14 x 1.5	14
W90 HRK 06 NW 08 HJL	R 3/8" K	M 16 x 1.5	19
W90 HRK 06 NW 10 HJL	R 3/8" K	M 18 x 1.5	19
W90 HRK 08 NW 13 HJL	R 1/2" K	M 22 x 1.5	22
W90 HRK 08 NW 16 HJL	R 1/2" K	M 24 x 1.5	22
W90 HRK 12 NW 20 HJL	R 3/4" K	M 30 x 1.5	27
W90 HRK 16 NW 25 HJL	R 1" K	M 33 x 1.5	33

SW = Width across flats

W90 HRK HJR**Screw-in socket, angle 90°**

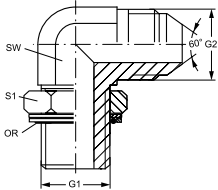
Connection 1: BSPT conical external threads
Sealing form 1: thread seal
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° outer cone
Design: Screw-in sockets
Construction: Angle 90°
Standard connection 2: JIS B 8363
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm
W90 HRK 04 HJR	R 1/4" K	G 1/4" -19	14
W90 HRK 06 HJR	R 3/8" K	G 3/8" -19	19
W90 HRK 08 HJR	R 1/2" K	G 1/2" -14	22
W90 HRK 12 HJR	R 3/4" K	G 3/4" -14	27
W90 HRK 16 HJR	R 1" K	G 1" -11	33
SW = Width across flats			

W90 HROK HJL

Screw-in socket, angle 90°



- Connection 1: BSP external thread, cylindrical
- Sealing form 1: O-ring and spacer diaphragm ring
- Connection 2: metric cylindrical outer thread
- Sealing form 2: 60° outer cone
- Design: Adjustable direction screw-in socket
- Construction: Angle 90°
- Material: Steel
- Surface: electro galvanised

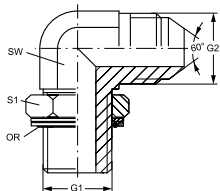
Identification	G1	G2	SW mm	S1	OR
W90 HROK 04 NW 06 HJL	G 1/4" -19	M 14 x 1.5	14	17	10.78 x 2.62
W90 HROK 06 NW 08 HJL	G 3/8" -19	M 16 x 1.5	19	19	13.94 x 2.62
W90 HROK 06 NW 10 HJL	G 3/8" -19	M 18 x 1.5	19	22	13.94 x 2.62
W90 HROK 08 NW 13 HJL	G 1/2" -14	M 22 x 1.5	22	27	17.86 x 2.62
W90 HROK 12 NW 20 HJL	G 3/4" -14	M 30 x 1.5	27	32	23.47 x 2.62
W90 HROK 16 NW 25 HJL	G 1" -11	M 33 x 1.5	33	38	29.74 x 3.53

SW, S1, S2 = With across flats

W90 HROK HJR

Screw-in socket, angle 90°

Connection 1: BSP external thread, cylindrical
Sealing form 1: O-ring seal on screw-in socket
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° outer cone
Design: Screw-in sockets
Construction: Angle 90°
Standard connection 2: JIS B 8363
Material: Steel
Surface: electro galvanised

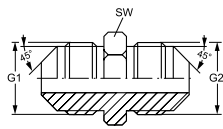


Identification	G1 + G2	SW mm	S1	OR
W90 HROK 04 HJR	G 1/4" -19	19	14	10.77 x 2.62
W90 HROK 06 HJR	G 3/8" -19	22	19	13.94 x 2.62
W90 HROK 08 HJR	G 1/2" -14	27	22	17.86 x 2.62
W90 HROK 12 HJR	G 3/4" -14	36	27	23.47 x 2.62
W90 HROK 16 HJR	G 1" -11	41	33	29.74 x 3.53

SW, S1, S2 = With across flats

G HSA

Connection sockets

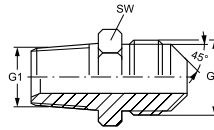


- Connection 1: UN/UNF external threads
- Sealing form 1: 45° outer cone
- Connection 2: UN/UNF external threads
- Sealing form 2: 45° outer cone
- Design: Connection sockets
- Construction: straight
- Material: Steel
- Surface: electro galvanised

Identification	G1 + G2	SW mm
G HSA 06	5/8"-18 UNF	16
SW = Width across flats		

GE HN HSA**Screw-in sockets**

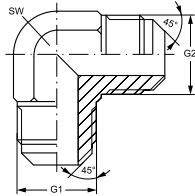
Connection 1: NPT external threads
Sealing form 1: thread seal
Connection 2: UN/UNF external threads
Sealing form 2: 45° outer cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm
GE HN 04 HSA 06	1/4" -18 NPT	5/8"-18 UNF	16
GE HN 06 HSA	3/8" -18 NPT	5/8"-18 UNF	19
GE HN 08 HSA 06	1/2" -14 NPT	5/8"-18 UNF	22
SW = Width across flats			

W90 HSA

Fitting socket, angle 90°



- Connection 1:** UN/UNF external threads
- Sealing form 1:** 45° outer cone
- Connection 2:** UN/UNF external threads
- Sealing form 2:** 45° outer cone
- Design:** Fitting socket
- Construction:** Angle 90°
- Material:** Steel
- Surface:** electro galvanised

Identification

G1 + G2

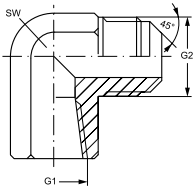
W90 HSA 06

5/8"-18 UNF

W90 IN HSA

Screw-on socket, IGN HSA angle 90°

Connection 1:	NPT internal thread
Sealing form 1:	thread seal
Connection 2:	UN/UNF external threads
Sealing form 2:	45° outer cone
Design:	Screw-on socket
Construction:	Angle 90°
Material:	Steel
Surface:	electro galvanised

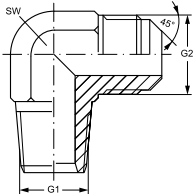


Identification	G1	G2	SW mm
W90 IN 04 HSA 06	1/4" -18 NPT	5/8"-18 UNF	19

SW = Width across flats

W90 HN HSA

Screw-in socket, angle 90°

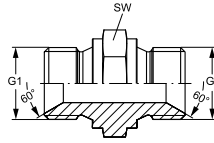


- Connection 1: NPT external threads
- Sealing form 1: thread seal
- Connection 2: UN/UNF external threads
- Sealing form 2: 45° outer cone
- Design: Screw-in sockets
- Construction: Angle 90°
- Material: Brass

Identification	G1	G2	SW mm
W90 HN 04 HSA 06	1/4" -18 NPT	5/8"-18 UNF	19
SW = Width across flats			

GH**Connectors**

Connection 1: metric cylindrical outer thread
Sealing form 1: 60° inner cone
Connection 2: metric cylindrical outer thread
Sealing form 2: 60° inner cone
Design: Connectors
Construction: straight
Material: Steel
Surface: electro galvanised

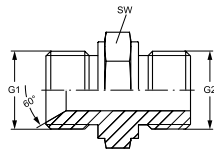


Identification	G1	G2	SW mm
G 04 H 02	M 12 x 1.5	M 10 x 1	17
G H 04	M 12 x 1.5	M 12 x 1.5	17
G 06 H 04	M 14 x 1.5	M 12 x 1.5	19
G H 06	M 14 x 1.5	M 14 x 1.5	19
G 08 H 04	M 16 x 1.5	M 12 x 1.5	22
G 08 H 06	M 16 x 1.5	M 14 x 1.5	22
G H 08	M 16 x 1.5	M 16 x 1.5	22
G H 10	M 18 x 1.5	M 18 x 1.5	24
G 13 H 10	M 22 x 1.5	M 18 x 1.5	27
G H 13	M 22 x 1.5	M 22 x 1.5	27
G H 16	M 26 x 1.5	M 26 x 1.5	32
G H 20	M 30 x 1.5	M 30 x 1.5	36
G H 25	M 38 x 1.5	M 38 x 1.5	46
G 25 H 20	M 38 x 1.5	M 30 x 1.5	46
G 32 H 25	M 45 x 1.5	M 38 x 1.5	55
G H 32	M 45 x 1.5	M 45 x 1.5	55
G 40 H 32	M 52 x 1.5	M 45 x 1.5	55
G H 40	M 52 x 1.5	M 52 x 1.5	55
G 50 H 40	M 65 x 2	M 52 x 1.5	65
G H 50	M 65 x 2	M 65 x 2	65
G H 60	M 78 x 2	M 78 x 2	80

SW = Width across flats

GE H M

Screw-in sockets



- Connection 1: metric cylindrical outer thread
- Sealing form 1: 60° inner cone
- Connection 2: metric cylindrical outer thread
- Sealing form 2: Shape A
- Design: Screw-in sockets
- Construction: straight
- Material: Steel
- Surface: electro galvanised

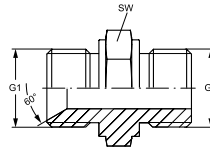
3

Identification	G1	G2	SW mm
GE H 08 M 16	M 16 x 1.5	M 16 x 1.5	22
GE H 10 M 16	M 18 x 1.5	M 16 x 1.5	22
GE H 13 M 18	M 22 x 1.5	M 18 x 1.5	24
GE H 16 M 22	M 26 x 1.5	M 22 x 1.5	32
GE H 16 M 26	M 26 x 1.5	M 26 x 1.5	32
GE H 20 M 26	M 30 x 1.5	M 26 x 1.5	36

SW = Width across flats

GE H R**Screw-in sockets**

Connection 1: metric cylindrical outer thread
Sealing form 1: 60° inner cone
Connection 2: BSP cylindrical external threads
Sealing form 2: Shape A
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised



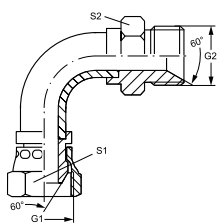
Identification	G1	G2	SW mm
GE H 06 R	M 14 x 1.5	G 1/4" -19	19
GE H 08 R 06	M 16 x 1.5	G 1/4" -19	22
GE H 08 R 10	M 16 x 1.5	G 3/8" -19	22
GE H 10 R	M 18 x 1.5	G 3/8" -19	24
GE H 10 R 13	M 18 x 1.5	G 1/2" -14	27
GE H 13 R	M 22 x 1.5	G 1/2" -14	27
GE H 13 R 20	M 22 x 1.5	G 3/4" -14	32
GE H 16 R 13	M 26 x 1.5	G 1/2" -14	27
GE H 16 R 20	M 26 x 1.5	G 3/4" -14	32
GE H 20 R	M 30 x 1.5	G 3/4" -14	32
GE H 20 R 25	M 30 x 1.5	G 1" -11	41
GE H 25 R	M 38 x 1.5	G 1" -11	41
GE H 32 R	M 45 x 1.5	G 1.1/4" -11	50
GE H 40 R	M 52 x 1.5	G 1.1/2" -11	55
GE H 50 R	M 65 x 2	G 2" -11	70
GE H 60 R	M 78 x 2	G 2.1/2" -11	85
SW = Width across flats			

Product versions:

GE H R VA - Screw-in sockets, Stainless steel

W90 A H

Connection socket, angle 90°



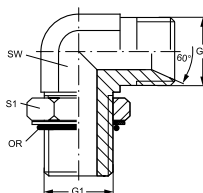
- Connection 1: metric nut thread
- Sealing form 1: 60° sealing head
- Connection 2: metric cylindrical outer thread
- Sealing form 2: 60° inner cone
- Design: Connecting socket (short pipe bend)
- Construction: Angle 90°
- Material: Steel
- Surface: electro galvanised

Identification	G1	G2	S1	S2
W90 A 06 H	M 14 x 1.5	M 14 x 1.5	14	19
W90 A 08 H	M 16 x 1.5	M 16 x 1.5	17	22
W90 A 10 H	M 18 x 1.5	M 18 x 1.5	19	24
W90 A 13 H	M 22 x 1.5	M 22 x 1.5	22	27
W90 A 16 H	M 26 x 1.5	M 26 x 1.5	27	32
W90 A 20 H	M 30 x 1.5	M 30 x 1.5	30	36
W90 A 25 H	M 38 x 1.5	M 38 x 1.5	41	46

SW, S1, S2 = With across flats

W90 HMO HB**Screw-in socket, angle 90°**

Connection 1: metric cylindrical outer thread
Sealing form 1: O-ring seal on screw-in socket
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Adjustable direction screw-in socket
Construction: Angle 90°
Material: Steel
Surface: electro galvanised

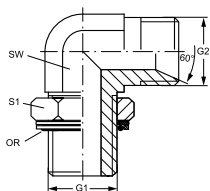


Identification	G1	G2	SW mm	S1	OR
W90 HMO 10 HB 02	M 10 x 1	G 1/8" -28	11	14	8.00 x 1.50
W90 HMO 12 HB 02	M 12 x 1.5	G 1/8" -28	18	14	9.30 x 2.40
W90 HMO 12 HB 04	M 12 x 1.5	G 1/4" -19	14	17	9.30 x 2.40
W90 HMO 14 HB 04	M 14 x 1.5	G 1/4" -19	17	19	11.30 x 2.40
W90 HMO 14 HB 06	M 14 x 1.5	G 3/8" -19	24	19	11.30 x 2.40
W90 HMO 16 HB 04	M 16 x 1.5	G 1/4" -19	17	20	13.30 x 2.40
W90 HMO 16 HB 06	M 16 x 1.5	G 3/8" -19	17	20	13.30 x 2.40
W90 HMO 18 HB 06	M 18 x 1.5	G 3/8" -19	19	24	15.30 x 2.40
W90 HMO 18 HB 08	M 18 x 1.5	G 1/2" -14	19	24	15.30 x 2.40
W90 HMO 20 HB 08	M 20 x 1.5	G 1/2" -14	19	27	17.30 x 2.40
W90 HMO 22 HB 08	M 22 x 1.5	G 1/2" -14	19	27	19.30 x 2.40
W90 HMO 22 HB 12	M 22 x 1.5	G 3/4" -14	27	27	19.30 x 2.40
W90 HMO 33 HB 16	M 33 x 2	G 1" -11	33	41	29.74 x 2.95
W90 HMO 42 HB 20	M 42 x 2	G 1.1/4" -11	41	50	38.00 x 3.00
W90 HMO 48 HB 24	M 48 x 2	G 1.1/2" -11	48	55	44.00 x 3.00

SW, S1, S2 = With across flats

W90 HMOK HB

Screw-in socket, angle 90°



Connection 1:
Sealing form 1:

metric cylindrical outer thread
Thread socket with O-ring + spacer
diaphragm ring

Connection 2:
Sealing form 2:

BSP cylindrical external threads
60° inner cone

Design:

Adjustable direction screw-in socket

Construction:

Angle 90°

Material:

Steel

Surface:

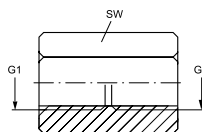
electro galvanised

Identification	G1	G2	SW mm	S1	OR
W90 HMOK 10 HB 02	M 10 x 1	G 1/8" -28	11	15	8.00 x 1.50
W90 HMOK 12 HB 02	M 12 x 1.5	G 1/8" -28	14	18	9.30 x 2.40
W90 HMOK 12 HB 04	M 12 x 1.5	G 1/4" -19	14	18	9.30 x 2.40
W90 HMOK 14 HB 04	M 14 x 1.5	G 1/4" -19	14	20	11.30 x 2.40
W90 HMOK 14 HB 06	M 14 x 1.5	G 3/8" -19	14	20	11.30 x 2.40
W90 HMOK 16 HB 04	M 16 x 1.5	G 1/4" -19	19	20	13.30 x 2.40
W90 HMOK 16 HB 06	M 16 x 1.5	G 3/8" -19	19	20	13.30 x 2.40
W90 HMOK 18 HB 06	M 18 x 1.5	G 3/8" -19	19	25	15.30 x 2.40
W90 HMOK 18 HB 08	M 18 x 1.5	G 1/2" -14	19	25	15.30 x 2.40
W90 HMOK 20 HB 08	M 20 x 1.5	G 1/2" -14	27	28	17.30 x 2.40
W90 HMOK 22 HB 08	M 22 x 1.5	G 1/2" -14	27	28	19.30 x 2.40
W90 HMOK 22 HB 10	M 22 x 1.5	G 5/8" -14	27	28	19.30 x 2.40
W90 HMOK 22 HB 12	M 22 x 1.5	G 3/4" -14	27	28	19.30 x 2.40
W90 HMOK 26 HB 12	M 26 x 1.5	G 3/4" -14	30	33	23.50 x 2.60
W90 HMOK 27 HB 12	M 27 x 2	G 3/4" -14	30	33	23.47 x 2.95
W90 HMOK 33 HB 16	M 33 x 2	G 1" -11	36	42	29.74 x 2.95
W90 HMOK 42 HB 20	M 42 x 2	G 1.1/4" -11	41	50	38.00 x 3.00
W90 HMOK 48 HB 24	M 48 x 2	G 1.1/2" -11	50	56	44.00 x 3.00

SW, S1, S2 = With across flats

G IR**Connection sockets**

Connection 1: BSP cylindrical internal threads
Connection 2: BSP cylindrical internal threads
Design: Connection sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm
G IR 02	G 1/8" -28	G 1/8" -28	14
G IR 04 IR 02	G 1/4" -19	G 1/8" -28	17
G IR 04	G 1/4" -19	G 1/4" -19	17
G IR 06 IR 04	G 3/8" -19	G 1/4" -19	22
G IR 06	G 3/8" -19	G 3/8" -19	22
G IR 08 IR 04	G 1/2" -14	G 1/4" -19	27
G IR 08 IR 06	G 1/2" -14	G 3/8" -19	27
G IR 08	G 1/2" -14	G 1/2" -14	27
G IR 10 IR 08	G 5/8" -14	G 1/2" -14	32
G IR 10	G 5/8" -14	G 5/8" -14	32
G IR 12	G 3/4" -14	G 3/4" -14	32
G IR 12 IR 08	G 3/4" -14	G 1/2" -14	32
G IR 16 IR 12	G 1" -11	G 3/4" -14	43
G IR 16	G 1" -11	G 1" -11	43
G IR 20 IR 12	G 1.1/4" -11	G 3/4" -14	50
G IR 20 IR 16	G 1.1/4" -11	G 1" -11	50
G IR 20	G 1.1/4" -11	G 1.1/4" -11	50
G IR 24 IR 20	G 1.1/2" -11	G 1.1/4" -11	55
G IR 24	G 1.1/2" -11	G 1.1/2" -11	55
G IR 32 IR 24	G 2" -11	G 1.1/2" -11	70
G IR 32	G 2" -11	G 2" -11	70

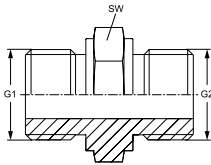
SW = Width across flats

Product versions:

G IR VA - Connection sockets, Stainless steel

GE HR

Screw-in sockets



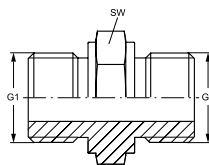
- Connection 1:** BSP external thread, cylindrical
- Sealing form 1:** Shape A
- Connection 2:** BSP cylindrical external threads
- Sealing form 2:** Shape A
- Design:** Screw-in sockets
- Construction:** straight
- Material:** Steel
- Surface:** electro galvanised

Identification	G1	G2	SW mm
GE HR 04	G 1/4" -19	G 1/4" -19	19
GE HR 06 HR 04	G 3/8" -19	G 1/4" -19	22
GE HR 06	G 3/8" -19	G 3/8" -19	22
GE HR 08 HR 06	G 1/2" -14	G 3/8" -19	27
GE HR 08	G 1/2" -14	G 1/2" -14	27
GE HR 12 HR 08	G 3/4" -14	G 1/2" -14	32
GE HR 12	G 3/4" -14	G 3/4" -14	32

SW = Width across flats

G HR VA**Screw-in sockets**

Connection 1: BSP external thread, cylindrical
Sealing form 1: flat seal + shape B
Connection 2: BSP cylindrical external threads
Sealing form 2: flat seal + shape B
Design: Screw-in sockets
Construction: straight
Material: Stainless steel



Identification	G1 + G2	SW mm
G HR 02 VA	G 1/8" -28	14
G HR 04 VA	G 1/4" -19	19
G HR 06 VA	G 3/8" -19	22
G HR 08 VA	G 1/2" -14	27
G HR 10 VA	G 5/8" -14	30
G HR 12 VA	G 3/4" -14	32
G HR 16 VA	G 1" -11	41
G HR 20 VA	G 1.1/4" -11	50
G HR 24 VA	G 1.1/2" -11	55
G HR 32 VA	G 2" -11	70

SW = Width across flats

GE HRED HB

Screw-in sockets



Connection 1: BSP external thread, cylindrical
Sealing form 1: Shape E
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

Note: Can be used as a screwing agent with ED and as a connector with 60° inside taper

Identification	G1	G2	L1 mm	SW mm
GE HRED 02 HB	G 1/8" -28	G 1/8" -28	24,0	14
GE HRED 04 HB 02	G 1/4" -19	G 1/8" -28	28,5	19
GE HRED 04 HB	G 1/4" -19	G 1/4" -19	33,0	19
GE HRED 04 HB 06	G 1/4" -19	G 3/8" -19	34,5	19
GE HRED 06 HB 04	G 3/8" -19	G 1/4" -19	33,5	22
GE HRED 06 HB	G 3/8" -19	G 3/8" -19	35,0	22
GE HRED 06 HB 08	G 3/8" -19	G 1/2" -14	38,5	22
GE HRED 08 HB 06	G 1/2" -14	G 3/8" -19	37,5	27
GE HRED 08 HB	G 1/2" -14	G 1/2" -14	41,0	27
GE HRED 08 HB 10	G 1/2" -14	G 5/8" -14	43,0	27
GE HRED 08 HB 12	G 1/2" -14	G 3/4" -14	45,0	32
GE HRED 12 HB 08	G 3/4" -14	G 1/2" -14	43,0	32
GE HRED 12 HB	G 3/4" -14	G 3/4" -14	47,0	32
GE HRED 12 HB 16	G 3/4" -14	G 1" -11	51,0	32
GE HRED 16 HB 12	G 1" -11	G 3/4" -14	49,0	41
GE HRED 16 HB	G 1" -11	G 1" -11	53,0	41
GE HRED 20 HB 16	G 1.1/4" -11	G 1" -11	55,0	50
GE HRED 20 HB	G 1.1/4" -11	G 1.1/4" -11	58,0	50
GE HRED 24 HB	G 1.1/2" -11	G 1.1/2" -11	64,0	55

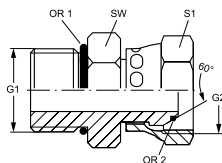
SW = Width across flats

Spare parts:

WD - Soft seal for ED fittings

GE HRO AOB**Screw-in sockets**

Connection 1: BSP external thread, cylindrical
Sealing form 1: form G
Connection 2: BSP nut thread
Sealing form 2: 60° outer cone with O-ring
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

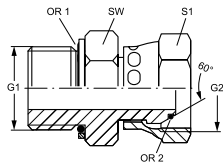


Identification	G1 + G2	SW mm	S1	OR1	OR2
GE HRO 04 AOB	G 1/4" -19	20	17	10.77 x 2.62	6.0 x 1.0
GE HRO 06 AOB	G 3/8" -19	24	22	13.94 x 2.62	8.1 x 1.6
GE HRO 08 AOB	G 1/2" -14	28	27	17.86 x 2.62	12.1 x 1.6
GE HRO 12 AOB	G 3/4" -14	35	32	23.47 x 2.62	17.1 x 1.6
GE HRO 16 AOB	G 1" -11	43	41	29.75 x 3.53	22.1 x 1.6
GE HRO 20 AOB	G 1.1/4" -11	52	50	37.69 x 3.53	29.1 x 1.6
GE HRO 24 AOB	G 1.1/2" -11	58	60	44.04 x 3.53	35.1 x 1.6

SW, S1, S2 = With across flats

GE HROK AOB

Screw-in sockets



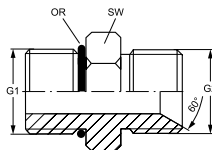
- Connection 1:**
Sealing form 1:
- BSP external thread, cylindrical
Thread socket with O-ring + spacer
diaphragm ring
- Connection 2:**
Sealing form 2:
- BSP nut thread
60° outer cone with O-ring
- Design:**
Construction:
- Screw-in sockets
straight
- Material:**
Surface:
- Steel
electro galvanised

Identification	G1 + G2	SW mm	S1	OR1	OR2
GE HROK 04 AOB	G 1/4" -19	20	17	10.77 x 2.62	6.0 x 1.0
GE HROK 06 AOB	G 3/8" -19	24	22	13.94 x 2.62	8.1 x 1.6
GE HROK 08 AOB	G 1/2" -14	28	27	17.86 x 2.62	12.1 x 1.6
GE HROK 12 AOB	G 3/4" -14	35	32	23.47 x 2.62	17.1 x 1.6
GE HROK 16 AOB	G 1" -11	43	41	29.75 x 3.53	22.1 x 1.6
GE HROK 20 AOB	G 1.1/4" -11	52	50	37.69 x 3.53	29.1 x 1.6
GE HROK 24 AOB	G 1.1/2" -11	58	60	44.04 x 3.53	35.1 x 1.6

SW, S1, S2 = With across flats

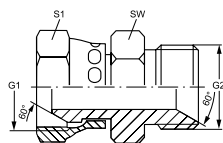
GE HRO HB**Screw-in sockets**

Connection 1: BSP external thread, cylindrical form G
Sealing form 1:
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	OR
GE HRO 02 HB	G 1/8" -28	G 1/8" -28	20	7.65 x 1.78
GE HRO 04 HB 02	G 1/4" -19	G 1/8" -28	20	10.78 x 2.62
GE HRO 04 HB	G 1/4" -19	G 1/4" -19	20	10.78 x 2.62
GE HRO 04 HB 06	G 1/4" -19	G 3/8" -19	24	10.78 x 2.62
GE HRO 06 HB 04	G 3/8" -19	G 1/4" -19	24	13.94 x 2.62
GE HRO 06 HB	G 3/8" -19	G 3/8" -19	24	13.94 x 2.62
GE HRO 06 HB 08	G 3/8" -19	G 1/2" -14	29	13.94 x 2.62
GE HRO 08 HB 06	G 1/2" -14	G 3/8" -19	29	17.86 x 2.62
GE HRO 08 HB	G 1/2" -14	G 1/2" -14	28	17.86 x 2.62
GE HRO 08 HB 10	G 1/2" -14	G 5/8" -14	29	17.86 x 2.62
GE HRO 08 HB 12	G 1/2" -14	G 3/4" -14	29	17.86 x 2.62
GE HRO 12 HB 08	G 3/4" -14	G 1/2" -14	35	23.47 x 2.62
GE HRO 12 HB	G 3/4" -14	G 3/4" -14	35	23.47 x 2.62
GE HRO 12 HB 16	G 3/4" -14	G 1" -11	43	23.47 x 2.62
GE HRO 16 HB 12	G 1" -11	G 3/4" -14	43	29.74 x 3.53
GE HRO 16 HB	G 1" -11	G 1" -11	43	29.74 x 3.53
GE HRO 20 HB 16	G 1.1/4" -11	G 1" -11	53	37.69 x 3.53
GE HRO 20 HB	G 1.1/4" -11	G 1.1/4" -11	53	37.69 x 3.53
GE HRO 24 HB	G 1.1/2" -11	G 1.1/2" -11	58	44.04 x 3.53

SW = Width across flats

G AB HB**Connectors**

Connection 1: BSP nut thread
Sealing form 1: 60° outer cone
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Connectors
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm	S1
G AB 02 HB	G 1/8" -28	G 1/8" -28	14	14
G AB 02 HB 04	G 1/8" -28	G 1/4" -19	19	19
G AB 04 HB 02	G 1/4" -19	G 1/8" -28	19	19
G AB 04 HB	G 1/4" -19	G 1/4" -19	19	19
G AB 04 HB 06	G 1/4" -19	G 3/8" -19	22	19
G AB 04 HB 08	G 1/4" -19	G 1/2" -14	27	19
G AB 06 HB 04	G 3/8" -19	G 1/4" -19	19	22
G AB 06 HB	G 3/8" -19	G 3/8" -19	22	22
G AB 06 HB 08	G 3/8" -19	G 1/2" -14	27	22
G AB 06 HB 12	G 3/8" -19	G 3/4" -14	27	27
G AB 08 HB 04	G 1/2" -14	G 1/4" -19	19	27
G AB 08 HB 06	G 1/2" -14	G 3/8" -19	22	27
G AB 08 HB	G 1/2" -14	G 1/2" -14	27	27
G AB 08 HB 10	G 1/2" -14	G 5/8" -14	27	32
G AB 08 HB 12	G 1/2" -14	G 3/4" -14	32	27
G AB 08 HB 16	G 1/2" -14	G 1" -11	27	41
G AB 10 HB 06	G 5/8" -14	G 3/8" -19	32	22
G AB 10 HB 08	G 5/8" -14	G 1/2" -14	32	32
G AB 10 HB	G 5/8" -14	G 5/8" -14	32	32
G AB 10 HB 12	G 5/8" -14	G 3/4" -14	32	32
G AB 10 HB 16	G 5/8" -14	G 1" -11	32	41
G AB 12 HB 06	G 3/4" -14	G 3/8" -19	27	32
G AB 12 HB 08	G 3/4" -14	G 1/2" -14	27	32
G AB 12 HB 10	G 3/4" -14	G 5/8" -14	32	32
G AB 12 HB	G 3/4" -14	G 3/4" -14	32	32
G AB 12 HB 16	G 3/4" -14	G 1" -11	41	32
G AB 12 HB 20	G 3/4" -14	G 1.1/4" -11	41	46
G AB 16 HB 08	G 1" -11	G 1/2" -14	41	32
G AB 16 HB 10	G 1" -11	G 5/8" -14	41	32
G AB 16 HB 12	G 1" -11	G 3/4" -14	41	36
G AB 16 HB	G 1" -11	G 1" -11	41	41
G AB 16 HB 20	G 1" -11	G 1.1/4" -11	41	46
G AB 20 HB 12	G 1.1/4" -11	G 3/4" -14	50	41
G AB 20 HB 16	G 1.1/4" -11	G 1" -11	46	41
G AB 20 HB	G 1.1/4" -11	G 1.1/4" -11	50	50
G AB 20 HB 24	G 1.1/4" -11	G 1.1/2" -11	50	55
G AB 24 HB 20	G 1.1/2" -11	G 1.1/4" -11	55	50
G AB 24 HB	G 1.1/2" -11	G 1.1/2" -11	55	55
G AB 24 HB 32	G 1.1/2" -11	G 2" -11	55	70
G AB 32 HB 24	G 2" -11	G 1.1/2" -11	70	55

SW, S1, S2 = With across flats

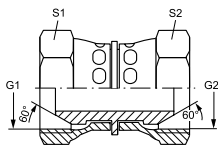
G AB HB

(Continued)

Connectors

Identification	G1	G2	SW mm	S1
G AB 32 HB	G 2" -11	G 2" -11	70	70
SW, S1, S2 = With across flats				

Product versions:**G AB HB VA** - Connectors, Stainless steel

G AB**Connectors**

Connection 1: BSP nut thread
Sealing form 1: 60° outer cone
Connection 2: BSP nut thread
Sealing form 2: 60° outer cone
Design: Connectors
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	S1	S2
G AB 02	G 1/8" -28	G 1/8" -28	14	14
G AB 04 AB 02	G 1/4" -19	G 1/8" -28	19	14
G AB 04	G 1/4" -19	G 1/4" -19	19	19
G AB 06 AB 04	G 3/8" -19	G 1/4" -19	22	19
G AB 06	G 3/8" -19	G 3/8" -19	22	22
G AB 08 AB 04	G 1/2" -14	G 1/4" -19	27	19
G AB 08 AB 06	G 1/2" -14	G 3/8" -19	27	22
G AB 08	G 1/2" -14	G 1/2" -14	27	27
G AB 10 AB 06	G 5/8" -14	G 3/8" -19	30	22
G AB 10 AB 08	G 5/8" -14	G 1/2" -14	30	27
G AB 10	G 5/8" -14	G 5/8" -14	30	30
G AB 12 AB 06	G 3/4" -14	G 3/8" -19	32	22
G AB 12 AB 08	G 3/4" -14	G 1/2" -14	32	27
G AB 12 AB 10	G 3/4" -14	G 5/8" -14	32	30
G AB 12	G 3/4" -14	G 3/4" -14	32	32
G AB 16 AB 06	G 1" -11	G 3/8" -19	41	22
G AB 16 AB 08	G 1" -11	G 1/2" -14	41	27
G AB 16 AB 12	G 1" -11	G 3/4" -14	41	32
G AB 16	G 1" -11	G 1" -11	41	41
G AB 20 AB 16	G 1.1/4" -11	G 1" -11	50	41
G AB 20	G 1.1/4" -11	G 1.1/4" -11	50	50
G AB 24	G 1.1/2" -11	G 1.1/2" -11	60	60
G AB 32	G 2" -11	G 2" -11	70	70

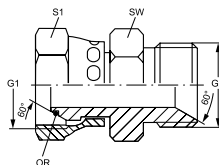
SW, S1, S2 = With across flats

Product versions:

G AB VA - Connectors, Stainless steel

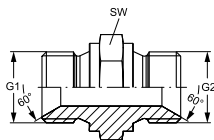
G AOB HB**Connectors**

Connection 1: BSP nut thread
Sealing form 1: 60° outer cone with O-ring
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Connectors
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1 + G2	SW mm	S1	OR
G AOB 02 HB	G 1/8" -28	16	14	4.5 x 1.5
G AOB 04 HB	G 1/4" -19	20	17	6.5 x 1.0
G AOB 06 HB	G 3/8" -19	24	22	8.1 x 1.6
G AOB 08 HB	G 1/2" -14	28	27	12.1 x 1.6
G AOB 12 HB	G 3/4" -14	35	32	17.1 x 1.6
G AOB 16 HB	G 1" -11	43	41	22.1 x 1.6
G AOB 20 HB	G 1.1/4" -11	52	50	29.1 x 1.6
G AOB 24 HB	G 1.1/2" -11	58	60	35.1 x 1.6

SW, S1, S2 = With across flats

G HB**Connection sockets**

Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Connection sockets
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm
G HB 02	G 1/8" -28	G 1/8" -28	14
G HB 02 HB 04	G 1/8" -28	G 1/4" -19	19
G HB 02 HB 06	G 1/8" -28	G 3/8" -19	22
G HB 02 HB 08	G 1/8" -28	G 1/2" -14	27
G HB 04	G 1/4" -19	G 1/4" -19	19
G HB 04 HB 06	G 1/4" -19	G 3/8" -19	22
G HB 04 HB 08	G 1/4" -19	G 1/2" -14	27
G HB 04 HB 10	G 1/4" -19	G 5/8" -14	30
G HB 04 HB 12	G 1/4" -19	G 3/4" -14	32
G HB 04 HB 16	G 1/4" -19	G 1" -11	41
G HB 04 HB 20	G 1/4" -19	G 1.1/4" -11	50
G HB 06	G 3/8" -19	G 3/8" -19	22
G HB 06 HB 08	G 3/8" -19	G 1/2" -14	27
G HB 06 HB 10	G 3/8" -19	G 5/8" -14	32
G HB 06 HB 12	G 3/8" -19	G 3/4" -14	32
G HB 06 HB 16	G 3/8" -19	G 1" -11	41
G HB 06 HB 20	G 3/8" -19	G 1.1/4" -11	50
G HB 08	G 1/2" -14	G 1/2" -14	27
G HB 08 HB 10	G 1/2" -14	G 5/8" -14	30
G HB 08 HB 12	G 1/2" -14	G 3/4" -14	32
G HB 08 HB 16	G 1/2" -14	G 1" -11	41
G HB 08 HB 20	G 1/2" -14	G 1.1/4" -11	50
G HB 08 HB 24	G 1/2" -14	G 1.1/2" -11	55
G HB 08 HB 32	G 1/2" -14	G 2" -11	70
G HB 10	G 5/8" -14	G 5/8" -14	30
G HB 10 HB 12	G 5/8" -14	G 3/4" -14	32
G HB 10 HB 16	G 5/8" -14	G 1" -11	41
G HB 10 HB 20	G 5/8" -14	G 1.1/4" -11	50
G HB 12	G 3/4" -14	G 3/4" -14	32
G HB 12 HB 16	G 3/4" -14	G 1" -11	41
G HB 12 HB 20	G 3/4" -14	G 1.1/4" -11	50
G HB 12 HB 24	G 3/4" -14	G 1.1/2" -11	55
G HB 12 HB 32	G 3/4" -14	G 2" -11	70
G HB 16	G 1" -11	G 1" -11	41
G HB 16 HB 20	G 1" -11	G 1.1/4" -11	50
G HB 16 HB 24	G 1" -11	G 1.1/2" -11	55
G HB 16 HB 32	G 1" -11	G 2" -11	70
G HB 20	G 1.1/4" -11	G 1.1/4" -11	50
G HB 20 HB 24	G 1.1/4" -11	G 1.1/2" -11	55
G HB 20 HB 32	G 1.1/4" -11	G 2" -11	70
G HB 24	G 1.1/2" -11	G 1.1/2" -11	55

SW = Width across flats

G HB

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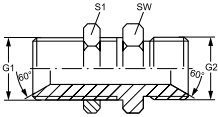
Connection sockets

Identification	G1	G2	SW mm
G HB 24 HB 32	G 1.1/2" -11	G 2" -11	70
G HB 32	G 2" -11	G 2" -11	70
G HB 40 HB 48	G 2.1/2" -11	G 3" -11	100
G HB 48	G 3" -11	G 3" -11	110
SW = Width across flats			

Product versions:**G HB VA** - Connection sockets, Stainless steel

SV HB

Bulkhead fitting socket



- Connection 1: BSP external thread, cylindrical
- Sealing form 1: 60° inner cone
- Connection 2: BSP cylindrical external threads
- Sealing form 2: 60° inner cone
- Design: Bulkhead fitting socket
- Construction: straight
- Material: Steel
- Surface: electro galvanised

Identification	G1 + G2	SW mm	S1
SV HB 02	G 1/8" -28	14	14
SV HB 04	G 1/4" -19	19	19
SV HB 06	G 3/8" -19	22	22
SV HB 08	G 1/2" -14	27	27
SV HB 10	G 5/8" -14	30	30
SV HB 12	G 3/4" -14	32	32
SV HB 16	G 1" -11	41	41
SV HB 20	G 1.1/4" -11	50	50
SV HB 24	G 1.1/2" -11	55	55
SV HB 32	G 2" -11	70	70

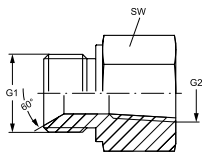
SW, S1, S2 = With across flats

Product versions:
SV HB VA - Bulkhead fitting socket, Stainless steel

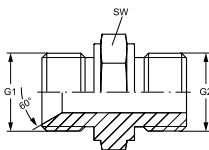
G HB IRK

Screw-on socket

Connection 1: BSP external thread, cylindrical
Sealing form 1: thread seal
Connection 2: BSPT conical inner thread
Sealing form 2: thread seal
Design: Screw-on socket
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm
G HB 04 IRK	G 1/4" -19	R 1/4" K	19
G HB 06 IRK	G 3/8" -19	R 3/8" K	22
G HB 08 IRK	G 1/2" -14	R 1/2" K	27
SW = Width across flats			

GE HB HR**Screw-in sockets**

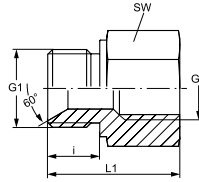
Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Connection 2: BSP cylindrical external threads
Sealing form 2: Flat seal
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm
GE HB 04 HR 02	G 1/4" -19	G 1/8" -28	14
GE HB 04 HR	G 1/4" -19	G 1/4" -19	19
GE HB 04 HR 06	G 1/4" -19	G 3/8" -19	22
GE HB 06 HR 04	G 3/8" -19	G 1/4" -19	19
GE HB 06 HR	G 3/8" -19	G 3/8" -19	22
GE HB 08 HR 06	G 1/2" -14	G 3/8" -19	22
GE HB 08 HR	G 1/2" -14	G 1/2" -14	27
GE HB 08 HR 12	G 1/2" -14	G 3/4" -14	27
GE HB 10 HR 08	G 5/8" -14	G 1/2" -14	27
GE HB 10 HR	G 5/8" -14	G 5/8" -14	30
GE HB 10 HR 12	G 5/8" -14	G 3/4" -14	32
GE HB 12 HR 08	G 3/4" -14	G 1/2" -14	27
GE HB 12 HR 10	G 3/4" -14	G 5/8" -14	30
GE HB 12 HR	G 3/4" -14	G 3/4" -14	32
GE HB 16 HR 12	G 1" -11	G 3/4" -14	36
GE HB 16 HR	G 1" -11	G 1" -11	41
GE HB 20 HR 16	G 1.1/4" -11	G 1" -11	46
GE HB 20 HR	G 1.1/4" -11	G 1.1/4" -11	50
GE HB 24 HR 20	G 1.1/2" -11	G 1.1/4" -11	50
GE HB 24 HR	G 1.1/2" -11	G 1.1/2" -11	55

SW = Width across flats

G HB IR**Screw-on socket**

Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Connection 2: BSP cylindrical internal threads
Sealing form 2: Flat seal
Design: Screw-on socket
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm
G HB 02 IR	G 1/8" -28	G 1/8" -28	17
G HB 02 IR 04	G 1/8" -28	G 1/4" -19	19
G HB 04 IR 02	G 1/4" -19	G 1/8" -28	19
G HB 04 IR	G 1/4" -19	G 1/4" -19	19
G HB 04 IR 06	G 1/4" -19	G 3/8" -19	24
G HB 04 IR 08	G 1/4" -19	G 1/2" -14	27
G HB 06 IR 02	G 3/8" -19	G 1/8" -28	24
G HB 06 IR 04	G 3/8" -19	G 1/4" -19	22
G HB 06 IR	G 3/8" -19	G 3/8" -19	24
G HB 06 IR 08	G 3/8" -19	G 1/2" -14	27
G HB 08 IR 02	G 1/2" -14	G 1/8" -28	27
G HB 08 IR 04	G 1/2" -14	G 1/4" -19	27
G HB 08 IR 06	G 1/2" -14	G 3/8" -19	27
G HB 08 IR	G 1/2" -14	G 1/2" -14	27
G HB 08 IR 12	G 1/2" -14	G 3/4" -14	36
G HB 12 IR 04	G 3/4" -14	G 1/4" -19	32
G HB 12 IR 06	G 3/4" -14	G 3/8" -19	32
G HB 12 IR 08	G 3/4" -14	G 1/2" -14	32
G HB 12 IR	G 3/4" -14	G 3/4" -14	36
G HB 12 IR 16	G 3/4" -14	G 1" -11	41
G HB 16 IR 06	G 1" -11	G 3/8" -19	41
G HB 16 IR 08	G 1" -11	G 1/2" -14	41
G HB 16 IR 12	G 1" -11	G 3/4" -14	41
G HB 16 IR	G 1" -11	G 1" -11	41
G HB 16 IR 20	G 1" -11	G 1.1/4" -11	50
G HB 20 IR 04	G 1.1/4" -11	G 1/8" -28	50
G HB 20 IR 08	G 1.1/4" -11	G 1/2" -14	50
G HB 20 IR 12	G 1.1/4" -11	G 3/4" -14	50
G HB 20 IR 16	G 1.1/4" -11	G 1" -11	41
G HB 20 IR	G 1.1/4" -11	G 1.1/4" -11	50
G HB 20 IR 24	G 1.1/4" -11	G 1.1/2" -11	55
G HB 24 IR 12	G 1.1/2" -11	G 3/4" -14	55
G HB 24 IR 20	G 1.1/2" -11	G 1.1/4" -11	55
G HB 24 IR	G 1.1/2" -11	G 1.1/2" -11	55
G HB 24 IR 16	G 1.1/2" -11	G 1" -11	55
G HB 24 IR 32	G 1.1/2" -11	G 2" -11	70
G HB 32 IR 16	G 2" -11	G 1" -11	70
G HB 32 IR 20	G 2" -11	G 1.1/4" -11	70
G HB 32 IR 24	G 2" -11	G 1.1/2" -11	70

SW = Width across flats

G HB IR

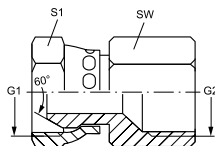
Screw-on socket (Continued)

Identification	G1	G2	SW mm
G HB 32 IR	G 2" -11	G 2" -11	70
SW = Width across flats			

Product versions:
G HB IR VA - Screw-on socket, Stainless steel

G AB IR**Screw-on connector**

Connection 1: BSP nut thread
Sealing form 1: 60° outer cone
Connection 2: BSP cylindrical internal threads
Sealing form 2: Flat seal
Design: Screw-on connector
Construction: straight
Material: Steel
Surface: electro galvanised

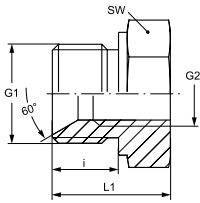


Identification	G1 + G2	SW mm	S1
G AB 02 IR	G 1/8" -28	14	14
G AB 04 IR	G 1/4" -19	17	19
G AB 06 IR	G 3/8" -19	22	22
G AB 08 IR	G 1/2" -14	27	27
G AB 12 IR	G 3/4" -14	32	32
G AB 16 IR	G 1" -11	43	41
G AB 20 IR	G 1.1/4" -11	50	50
G AB 24 IR	G 1.1/2" -11	60	60

SW, S1, S2 = With across flats

G HB IR L

Screw-on socket



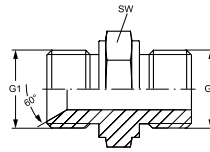
- Connection 1:** BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Connection 2: BSP cylindrical internal threads
Sealing form 2: Flat seal
Design: Screw-on socket, long
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	i mm	L1 mm	SW mm
G HB 06 IR 04 L	G 3/8" -19	G 1/4" -19	12,0	30,5	22
G HB 08 IR 06 L	G 1/2" -14	G 3/8" -19	16,0	38,0	30
G HB 16 IR 08 L	G 1" -11	G 1/2" -14	19,0	50,0	41
G HB 16 IR 12 L	G 1" -11	G 3/4" -14	20,5	47,5	41
G HB 20 IR 16 L	G 1.1/4" -11	G 1" -11	20,0	48,0	50
G HB 24 IR 20 L	G 1.1/2" -11	G 1.1/4" -11	22,0	54,5	55

SW = Width across flats

GE HB M**Screw-in sockets**

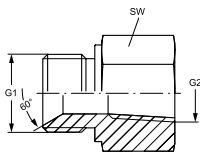
Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Connection 2: metric cylindrical outer thread
Sealing form 2: Shape A
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm
GE HB 08 M 18	G 1/2" - 14	M 18 x 1.5	27
SW = Width across flats			

G HB IN

Screw-on socket



- Connection 1: BSP external thread, cylindrical
- Sealing form 1: 60° inner cone
- Connection 2: NPT internal thread
- Sealing form 2: thread seal
- Design: Screw-on socket
- Construction: straight
- Material: Steel
- Surface: electro galvanised

3

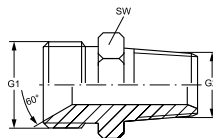
Identification	G1	G2	SW mm
G HB 02 IN	G 1/8" -28	1/8" -27 NPT	14
G HB 02 IN 04	G 1/8" -28	1/4" -18 NPT	19
G HB 04 IN	G 1/4" -19	1/4" -18 NPT	19
G HB 04 IN 06	G 1/4" -19	3/8" -18 NPT	24
G HB 06 IN 04	G 3/8" -19	1/4" -18 NPT	22
G HB 06 IN	G 3/8" -19	3/8" -18 NPT	24
G HB 08 IN	G 1/2" -14	1/2" -14 NPT	27
G HB 12 IN	G 3/4" -14	3/4" -14 NPT	36
G HB 16 IN	G 1" -11	1" -11.5 NPT	41
G HB 20 IN	G 1.1/4" -11	1.1/4" -11.5 NPT	50
G HB 24 IN	G 1.1/2" -11	1.1/2" -11.5 NPT	55

SW = Width across flats

Product versions:
G HB IN VA - Screw-on socket, Stainless steel

GE HB HN**Screw-in sockets**

Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Connection 2: NPT external threads
Sealing form 2: thread seal
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm
GE HB 02 HN	G 1/8" -28	1/8" -27 NPT	11
GE HB 02 HN 04	G 1/8" -28	1/4" -18 NPT	17
GE HB 04 HN 02	G 1/4" -19	1/8" -27 NPT	17
GE HB 04 HN	G 1/4" -19	1/4" -18 NPT	17
GE HB 04 HN 06	G 1/4" -19	3/8" -18 NPT	17
GE HB 04 HN 08	G 1/4" -19	1/2" -14 NPT	22
GE HB 04 HN 12	G 1/4" -19	3/4" -14 NPT	27
GE HB 06 HN 02	G 3/8" -19	1/8" -27 NPT	17
GE HB 06 HN 04	G 3/8" -19	1/4" -18 NPT	17
GE HB 06 HN	G 3/8" -19	3/8" -18 NPT	17
GE HB 06 HN 08	G 3/8" -19	1/2" -14 NPT	22
GE HB 06 HN 12	G 3/8" -19	3/4" -14 NPT	27
GE HB 06 HN 16	G 3/8" -19	1" -11.5 NPT	36
GE HB 08 HN 04	G 1/2" -14	1/4" -18 NPT	22
GE HB 08 HN 06	G 1/2" -14	3/8" -18 NPT	22
GE HB 08 HN	G 1/2" -14	1/2" -14 NPT	22
GE HB 08 HN 12	G 1/2" -14	3/4" -14 NPT	27
GE HB 08 HN 16	G 1/2" -14	1" -11.5 NPT	36
GE HB 10 HN 08	G 5/8" -14	1/2" -14 NPT	27
GE HB 10 HN 12	G 5/8" -14	3/4" -14 NPT	27
GE HB 12 HN 04	G 3/4" -14	1/4" -18 NPT	27
GE HB 12 HN 06	G 3/4" -14	3/8" -18 NPT	27
GE HB 12 HN 08	G 3/4" -14	1/2" -14 NPT	27
GE HB 12 HN	G 3/4" -14	3/4" -14 NPT	27
GE HB 12 HN 16	G 3/4" -14	1" -11.5 NPT	36
GE HB 12 HN 20	G 3/4" -14	1.1/4" -11.5 NPT	46
GE HB 16 HN 08	G 1" -11	1/2" -14 NPT	36
GE HB 16 HN 12	G 1" -11	3/4" -14 NPT	36
GE HB 16 HN	G 1" -11	1" -11.5 NPT	36
GE HB 16 HN 20	G 1" -11	1.1/4" -11.5 NPT	46
GE HB 16 HN 24	G 1" -11	1.1/2" -11.5 NPT	50
GE HB 16 HN 32	G 1" -11	2" -11.5 NPT	65
GE HB 20 HN 12	G 1.1/4" -11	3/4" -14 NPT	46
GE HB 20 HN 16	G 1.1/4" -11	1" -11.5 NPT	46
GE HB 20 HN	G 1.1/4" -11	1.1/4" -11.5 NPT	46
GE HB 20 HN 24	G 1.1/4" -11	1.1/2" -11.5 NPT	50
GE HB 24 HN 16	G 1.1/2" -11	1" -11.5 NPT	50
GE HB 24 HN 20	G 1.1/2" -11	1.1/4" -11.5 NPT	50
GE HB 24 HN	G 1.1/2" -11	1.1/2" -11.5 NPT	50
GE HB 24 HN 32	G 1.1/2" -11	2" -11.5 NPT	65
GE HB 32 HN 20	G 2" -11	1.1/4" -11.5 NPT	65

SW = Width across flats

GE HB HN

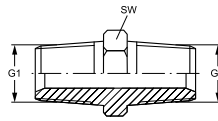
Screw-in sockets (Continued)

Identification	G1	G2	SW mm
GE HB 32 HN 24	G 2" -11	1.1/2" -11.5 NPT	65
GE HB 32 HN	G 2" -11	2" -11.5 NPT	65
SW = Width across flats			

Product versions:
GE HB HN VA - Screw-in sockets, Stainless steel

G HRK**Screw-in sockets**

Connection 1: BSPT conical external threads
Sealing form 1: thread seal
Connection 2: BSPT conical external threads
Sealing form 2: thread seal
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm
G HRK 02	R 1/8" K	R 1/8" K	12
G 02 HRK 04	R 1/8" K	R 1/4" K	14
G 02 HRK 06	R 1/8" K	R 3/8" K	17
G HRK 04	R 1/4" K	R 1/4" K	14
G 04 HRK 06	R 1/4" K	R 3/8" K	17
G 04 HRK 08	R 1/4" K	R 1/2" K	22
G HRK 06	R 3/8" K	R 3/8" K	17
G 06 HRK 08	R 3/8" K	R 1/2" K	22
G 06 HRK 12	R 3/8" K	R 3/4" K	27
G 06 HRK 16	R 3/8" K	R 1" K	36
G HRK 08	R 1/2" K	R 1/2" K	22
G 08 HRK 10	R 1/2" K	R 5/8" K	24
G 08 HRK 12	R 1/2" K	R 3/4" K	27
G 08 HRK 16	R 1/2" K	R 1" K	36
G HRK 10	R 5/8" K	R 5/8" K	24
G HRK 12	R 3/4" K	R 3/4" K	27
G 12 HRK 16	R 3/4" K	R 1" K	36
G HRK 16	R 1" K	R 1" K	36
G 16 HRK 20	R 1" K	R 1.1/4" K	46
G HRK 20	R 1.1/4" K	R 1.1/4" K	46
G 20 HRK 24	R 1.1/4" K	R 1.1/2" K	50
G HRK 24	R 1.1/2" K	R 1.1/2" K	50
G 24 HRK 32	R 1.1/2" K	R 2" K	65
G HRK 32	R 2" K	R 2" K	65

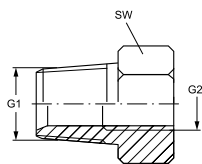
SW = Width across flats

Product versions:

G HRK VA - Screw-in sockets, Stainless steel

GE HRK IR

Screw-in sockets



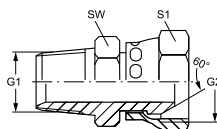
Connection 1: BSPT conical external threads
Sealing form 1: thread seal
Connection 2: BSP cylindrical internal threads
Sealing form 2: Flat seal
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm
GE HRK 02 IR 04	R 1/8" K	G 1/4" -19	19
GE HRK 02 IR 06	R 1/8" K	G 3/8" -19	22
GE HRK 02 IR 08	R 1/8" K	G 1/2" -14	27
GE HRK 04 IR 02	R 1/4" K	G 1/8" -28	14
GE HRK 04 IR	R 1/4" K	G 1/4" -19	19
GE HRK 04 IR 06	R 1/4" K	G 3/8" -19	22
GE HRK 04 IR 08	R 1/4" K	G 1/2" -14	27
GE HRK 06 IR 02	R 3/8" K	G 1/8" -28	19
GE HRK 06 IR 04	R 3/8" K	G 1/4" -19	19
GE HRK 06 IR	R 3/8" K	G 3/8" -19	22
GE HRK 06 IR 08	R 3/8" K	G 1/2" -14	27
GE HRK 08 IR 04	R 1/2" K	G 1/4" -19	22
GE HRK 08 IR 06	R 1/2" K	G 3/8" -19	22
GE HRK 08 IR	R 1/2" K	G 1/2" -14	27
GE HRK 08 IR 12	R 1/2" K	G 3/4" -14	36
GE HRK 08 IR 16	R 1/2" K	G 1" -11	41
GE HRK 12 IR 04	R 3/4" K	G 1/4" -19	27
GE HRK 12 IR 06	R 3/4" K	G 3/8" -19	27
GE HRK 12 IR 08	R 3/4" K	G 1/2" -14	27
GE HRK 12 IR	R 3/4" K	G 3/4" -14	32
GE HRK 12 IR 16	R 3/4" K	G 1" -11	41
GE HRK 16 IR 08	R 1" K	G 1/2" -14	36
GE HRK 16 IR 12	R 1" K	G 3/4" -14	36
GE HRK 16 IR	R 1" K	G 1" -11	41
GE HRK 16 IR 20	R 1" K	G 1.1/4" -11	50
GE HRK 20 IR 08	R 1.1/4" K	G 1/2" -14	50
GE HRK 20 IR 12	R 1.1/4" K	G 3/4" -14	50
GE HRK 20 IR 16	R 1.1/4" K	G 1" -11	50
GE HRK 20 IR 24	R 1.1/4" K	G 1.1/2" -11	55
GE HRK 24 IR 16	R 1.1/2" K	G 1" -11	55
GE HRK 24 IR 20	R 1.1/2" K	G 1.1/4" -11	55
GE HRK 24 IR 32	R 1.1/2" K	G 2" -11	70
GE HRK 32 IR 20	R 2" K	G 1.1/4" -11	70
GE HRK 32 IR 24	R 2" K	G 1.1/2" -11	70

SW = Width across flats

GE HRK AB**Screw-in sockets**

Connection 1: BSPT conical external threads
Sealing form 1: thread seal
Connection 2: BSP nut thread
Sealing form 2: 60° inner cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	S1
GE HRK 02 AB	R 1/8" K	G 1/8" -28	14	14
GE HRK 04 AB	R 1/4" K	G 1/4" -19	19	19
GE HRK 06 AB	R 3/8" K	G 3/8" -19	22	22
GE HRK 06 AB 08	R 3/8" K	G 1/2" -14	22	27
GE HRK 08 AB 06	R 1/2" K	G 3/8" -19	27	22
GE HRK 08 AB	R 1/2" K	G 1/2" -14	27	27
GE HRK 10 AB	R 5/8" K	G 5/8" -14	30	30
GE HRK 12 AB 08	R 3/4" K	G 1/2" -14	37	27
GE HRK 12 AB	R 3/4" K	G 3/4" -14	37	37
GE HRK 16 AB 12	R 1" K	G 3/4" -14	41	37
GE HRK 16 AB	R 1" K	G 1" -11	41	41
GE HRK 20 AB	R 1.1/4" K	G 1.1/4" -11	50	50
GE HRK 24 AB	R 1.1/2" K	G 1.1/2" -11	55	60
GE HRK 32 AB	R 2" K	G 2" -11	64	67

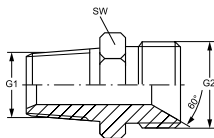
SW, S1, S2 = With across flats

Product versions:

GE HRK AB VA - Screw-in sockets, Stainless steel

GE HRK HB

Screw-in sockets



Connection 1: BSPT conical external threads
Sealing form 1: thread seal
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm
GE HRK 02 HB	R 1/8" K	G 1/8" -28	14
GE HRK 02 HB 04	R 1/8" K	G 1/4" -19	14
GE HRK 02 HB 06	R 1/8" K	G 3/8" -19	19
GE HRK 04 HB 02	R 1/4" K	G 1/8" -28	14
GE HRK 04 HB	R 1/4" K	G 1/4" -19	19
GE HRK 04 HB 06	R 1/4" K	G 3/8" -19	22
GE HRK 04 HB 08	R 1/4" K	G 1/2" -14	27
GE HRK 04 HB 12	R 1/4" K	G 3/4" -14	32
GE HRK 06 HB 02	R 3/8" K	G 1/8" -28	19
GE HRK 06 HB 04	R 3/8" K	G 1/4" -19	19
GE HRK 06 HB	R 3/8" K	G 3/8" -19	22
GE HRK 06 HB 08	R 3/8" K	G 1/2" -14	27
GE HRK 06 HB 10	R 3/8" K	G 5/8" -14	30
GE HRK 06 HB 12	R 3/8" K	G 3/4" -14	32
GE HRK 08 HB 04	R 1/2" K	G 1/4" -19	22
GE HRK 08 HB 06	R 1/2" K	G 3/8" -19	22
GE HRK 08 HB	R 1/2" K	G 1/2" -14	27
GE HRK 08 HB 10	R 1/2" K	G 5/8" -14	30
GE HRK 08 HB 12	R 1/2" K	G 3/4" -14	32
GE HRK 08 HB 16	R 1/2" K	G 1" -11	41
GE HRK 10 HB 08	R 5/8" K	G 1/2" -14	30
GE HRK 10 HB	R 5/8" K	G 5/8" -14	30
GE HRK 10 HB 12	R 5/8" K	G 3/4" -14	32
GE HRK 12 HB 04	R 3/4" K	G 1/4" -19	30
GE HRK 12 HB 06	R 3/4" K	G 3/8" -19	30
GE HRK 12 HB 08	R 3/4" K	G 1/2" -14	30
GE HRK 12 HB 10	R 3/4" K	G 5/8" -14	30
GE HRK 12 HB	R 3/4" K	G 3/4" -14	32
GE HRK 12 HB 16	R 3/4" K	G 1" -11	41
GE HRK 12 HB 20	R 3/4" K	G 1.1/4" -11	50
GE HRK 16 HB 06	R 1" K	G 3/8" -19	36
GE HRK 16 HB 08	R 1" K	G 1/2" -14	36
GE HRK 16 HB 12	R 1" K	G 3/4" -14	36
GE HRK 16 HB	R 1" K	G 1" -11	36
GE HRK 16 HB 20	R 1" K	G 1.1/4" -11	50
GE HRK 16 HB 24	R 1" K	G 1.1/2" -11	55
GE HRK 20 HB 12	R 1.1/4" K	G 3/4" -14	50
GE HRK 20 HB 16	R 1.1/4" K	G 1" -11	50
GE HRK 20 HB	R 1.1/4" K	G 1.1/4" -11	50
GE HRK 20 HB 24	R 1.1/4" K	G 1.1/2" -11	55
GE HRK 20 HB 32	R 1.1/4" K	G 2" -11	60

SW = Width across flats

GE HRK HB

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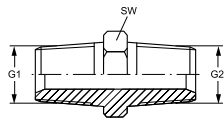
Screw-in sockets

Identification	G1	G2	SW mm
GE HRK 24 HB 16	R 1.1/2" K	G 1" -11	55
GE HRK 24 HB 20	R 1.1/2" K	G 1.1/4" -11	55
GE HRK 24 HB	R 1.1/2" K	G 1.1/2" -11	55
GE HRK 24 HB 32	R 1.1/2" K	G 2" -11	60
GE HRK 32 HB 16	R 2" K	G 1" -11	65
GE HRK 32 HB 20	R 2" K	G 1.1/4" -11	65
GE HRK 32 HB 24	R 2" K	G 1.1/2" -11	65
GE HRK 32 HB	R 2" K	G 2" -11	65
GE HRK 40 HB	R 2.1/2" K	G 2.1/2" -11	70
SW = Width across flats			

Product versions:**GE HRK HB VA** - Screw-in sockets, Stainless steel

GE HRK HN

Screw-in sockets



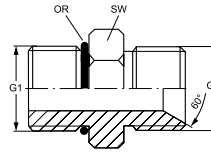
- Connection 1:** BSPT conical external threads
- Sealing form 1:** 60° inner cone
- Connection 2:** NPT external threads
- Sealing form 2:** thread seal
- Design:** Screw-in sockets
- Construction:** straight
- Material:** Steel
- Surface:** electro galvanised

Identification	G1	G2	SW mm
GE HRK 02 HN	R 1/8" K	1/8" -27 NPT	14
GE HRK 04 HN	R 1/4" K	1/4" -18 NPT	19
GE HRK 04 HN 06	R 1/4" K	3/8" -18 NPT	19
GE HRK 06 HN	R 3/8" K	3/8" -18 NPT	22
GE HRK 06 HN 04	R 3/8" K	1/4" -18 NPT	22
GE HRK 08 HN	R 1/2" K	1/2" -14 NPT	27
GE HRK 12 HN	R 3/4" K	3/4" -14 NPT	32
GE HRK 16 HN	R 1" K	1" -11.5 NPT	41
GE HRK 16 HN 12	R 1" K	3/4" -14 NPT	41
GE HRK 20 HN	R 1.1/4" K	1.1/4" -11.5 NPT	50
GE HRK 20 HN 16	R 1.1/4" K	1" -11.5 NPT	50
GE HRK 24 HN	R 1.1/2" K	1.1/2" -11.5 NPT	55
GE HRK 32 HN	R 2" K	2" -11.5 NPT	70

SW = Width across flats

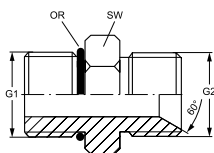
GE O HB**Screw-in sockets**

Connection 1: UN/UNF external threads
Sealing form 1: O-ring seal on screw-in socket
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	OR
GE O 04 HB 02	7/16"-20 UNF	G 1/8" -28	17	8.92 x 1.83
GE O 04 HB	7/16"-20 UNF	G 1/4" -19	17	8.92 x 1.83
GE O 04 HB 06	7/16"-20 UNF	G 3/8" -19	21	8.92 x 1.83
GE O 05 HB 02	1/2"-20 UNF	G 1/8" -28	19	10.52 x 1.83
GE O 05 HB 04	1/2"-20 UNF	G 1/4" -19	19	10.52 x 1.83
GE O 05 HB 06	1/2"-20 UNF	G 3/8" -19	21	10.52 x 1.83
GE O 06 HB 04	9/16"-18 UNF	G 1/4" -19	21	11.90 x 1.98
GE O 06 HB	9/16"-18 UNF	G 3/8" -19	21	11.90 x 1.98
GE O 06 HB 08	9/16"-18 UNF	G 1/2" -14	28	11.90 x 1.98
GE O 08 HB 04	3/4"-16 UNF	G 1/4" -19	26	16.36 x 2.20
GE O 08 HB 06	3/4"-16 UNF	G 3/8" -19	26	16.36 x 2.20
GE O 08 HB	3/4"-16 UNF	G 1/2" -14	28	16.36 x 2.20
GE O 08 HB 10	3/4"-16 UNF	G 5/8" -14	30	16.36 x 2.20
GE O 08 HB 12	3/4"-16 UNF	G 3/4" -14	36	16.36 x 2.20
GE O 10 HB 06	7/8"-14 UNF	G 3/8" -19	30	19.18 x 2.46
GE O 10 HB 08	7/8"-14 UNF	G 1/2" -14	30	19.18 x 2.46
GE O 10 HB	7/8"-14 UNF	G 5/8" -14	30	19.18 x 2.46
GE O 10 HB 12	7/8"-14 UNF	G 3/4" -14	36	19.18 x 2.46
GE O 10 HB 16	7/8"-14 UNF	G 1" -11	40	19.18 x 2.46
GE O 12 HB 08	1.1/16" -12 UN	G 1/2" -14	36	23.47 x 2.95
GE O 12 HB 10	1.1/16" -12 UN	G 5/8" -14	36	23.47 x 2.95
GE O 12 HB	1.1/16" -12 UN	G 3/4" -14	36	23.47 x 2.95
GE O 12 HB 16	1.1/16" -12 UN	G 1" -11	45	23.47 x 2.95
GE O 16 HB 12	1.5/16" -12 UN	G 3/4" -14	45	29.74 x 2.95
GE O 16 HB	1.5/16" -12 UN	G 1" -11	45	29.74 x 2.95
GE O 16 HB 20	1.5/16" -12 UN	G 1.1/4" -11	55	29.74 x 2.95
GE O 20 HB 16	1.5/8" -12 UN	G 1" -11	55	37.47 x 3.00
GE O 20 HB	1.5/8" -12 UN	G 1.1/4" -11	55	37.47 x 3.00
GE O 24 HB 20	1.7/8" -12 UN	G 1.1/4" -11	62	43.69 x 3.00
GE O 24 HB	1.7/8" -12 UN	G 1.1/2" -11	62	43.69 x 3.00

SW = Width across flats

GE HMO HB**Screw-in sockets**

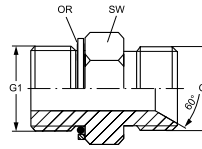
Connection 1: metric cylindrical outer thread
Sealing form 1: O-ring seal on screw-in socket
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm	OR
GE HMO 10 HB 02	M 10 x 1	G 1/8" -28	15	8.00 x 1.50
GE HMO 12 HB 02	M 12 x 1.5	G 1/8" -28	18	9.30 x 2.30
GE HMO 12 HB 04	M 12 x 1.5	G 1/4" -19	18	9.30 x 2.30
GE HMO 14 HB 04	M 14 x 1.5	G 1/4" -19	20	11.30 x 2.30
GE HMO 14 HB 06	M 14 x 1.5	G 3/8" -19	20	11.30 x 2.30
GE HMO 16 HB 04	M 16 x 1.5	G 1/4" -19	22	13.30 x 2.30
GE HMO 16 HB 06	M 16 x 1.5	G 3/8" -19	22	13.30 x 2.30
GE HMO 18 HB 06	M 18 x 1.5	G 3/8" -19	24	15.30 x 2.30
GE HMO 18 HB 08	M 18 x 1.5	G 1/2" -14	24	15.30 x 2.30
GE HMO 20 HB 08	M 20 x 1.5	G 1/2" -14	28	17.30 x 2.30
GE HMO 22 HB 08	M 22 x 1.5	G 1/2" -14	28	19.30 x 2.30
GE HMO 22 HB 10	M 22 x 1.5	G 5/8" -14	28	19.30 x 2.30
GE HMO 22 HB 12	M 22 x 1.5	G 3/4" -14	28	19.30 x 2.30
GE HMO 27 HB 12	M 27 x 2	G 3/4" -14	33	23.47 x 2.95
GE HMO 27 HB 16	M 27 x 2	G 1" -11	33	23.47 x 2.95
GE HMO 33 HB 16	M 33 x 2	G 1" -11	42	29.74 x 2.95
GE HMO 42 HB 20	M 42 x 2	G 1.1/4" -11	50	38.00 x 3.00
GE HMO 48 HB 24	M 48 x 2	G 1.1/2" -11	56	44.00 x 3.00

SW = Width across flats

GE HMOK HB**Screw-in sockets**

Connection 1: metric cylindrical outer thread
Sealing form 1: Thread socket with O-ring + spacer diaphragm ring
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

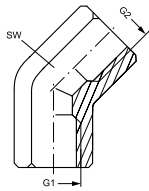


Identification	G1	G2	SW mm	OR
GE HMOK 10 HB 02	M 10 x 1	G 1/8" -28	14	8.1 x 1.6
GE HMOK 12 HB 02	M 12 x 1.5	G 1/8" -28	17	9.3 x 2.2
GE HMOK 12 HB 04	M 12 x 1.5	G 1/4" -19	19	9.3 x 2.2
GE HMOK 14 HB 04	M 14 x 1.5	G 1/4" -19	19	11.3 x 2.2
GE HMOK 14 HB 06	M 14 x 1.5	G 3/8" -19	22	11.3 x 2.2
GE HMOK 16 HB 04	M 16 x 1.5	G 1/4" -19	22	13.3 x 2.2
GE HMOK 16 HB 06	M 16 x 1.5	G 3/8" -19	22	13.3 x 2.2
GE HMOK 18 HB 06	M 18 x 1.5	G 3/8" -19	24	15.3 x 2.2
GE HMOK 18 HB 08	M 18 x 1.5	G 1/2" -14	24	15.3 x 2.2
GE HMOK 20 HB 08	M 20 x 1.5	G 1/2" -14	27	17.3 x 2.2
GE HMOK 22 HB 08	M 22 x 1.5	G 1/2" -14	27	19.3 x 2.2
GE HMOK 22 HB 10	M 22 x 1.5	G 5/8" -14	27	19.3 x 2.2
GE HMOK 22 HB 12	M 22 x 1.5	G 3/4" -14	32	19.3 x 2.2
GE HMOK 26 HB 12	M 26 x 1.5	G 3/4" -14	32	23.6 x 2.9
GE HMOK 27 HB 12	M 27 x 2	G 3/4" -14	32	23.6 x 2.9
GE HMOK 27 HB 16	M 27 x 2	G 1" -11	41	23.6 x 2.9
GE HMOK 33 HB 16	M 33 x 2	G 1" -11	41	29.6 x 2.9
GE HMOK 42 HB 20	M 42 x 2	G 1.1/4" -11	50	38.6 x 2.9
GE HMOK 48 HB 24	M 48 x 2	G 1.1/2" -11	55	44.6 x 2.9

SW = Width across flats

W45 IR

Connection socket, angle 45°



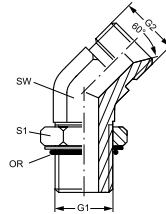
- Connection 1: BSP cylindrical internal threads
- Sealing form 1: flat sealing
- Connection 2: BSP cylindrical internal threads
- Sealing form 2: Flat seal
- Design: Connection sockets
- Construction: Angle 45°
- Material: Steel
- Surface: electro galvanised

Identification	G1 + G2	SW mm
W45 IR 02	G 1/8" -28	17
W45 IR 04	G 1/4" -19	19
W45 IR 06	G 3/8" -19	22
W45 IR 08	G 1/2" -14	27
W45 IR 12	G 3/4" -14	33
W45 IR 16	G 1" -11	41

SW = Width across flats

W45 HRO HB**Screw-in socket, angle 45°**

Connection 1: BSP external thread, cylindrical
Sealing form 1: form G
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Adjustable direction screw-in socket
Construction: Angle 45°
Material: Steel
Surface: electro galvanised

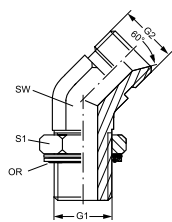


Identification	G1	G2	SW mm	S1	OR
W45 HRO 02 HB	G 1/8" -28	G 1/8" -28	11	16	7.65 x 1.78
W45 HRO 04 HB 02	G 1/4" -19	G 1/8" -28	14	20	10.78 x 2.62
W45 HRO 04 HB	G 1/4" -19	G 1/4" -19	14	20	10.78 x 2.62
W45 HRO 06 HB 04	G 3/8" -19	G 1/4" -19	14	24	13.94 x 2.62
W45 HRO 06 HB	G 3/8" -19	G 3/8" -19	19	24	13.94 x 2.62
W45 HRO 06 HB 08	G 3/8" -19	G 1/2" -14	22	24	13.94 x 2.62
W45 HRO 08 HB 06	G 1/2" -14	G 3/8" -19	22	28	17.86 x 2.62
W45 HRO 08 HB	G 1/2" -14	G 1/2" -14	22	28	17.86 x 2.62
W45 HRO 08 HB 10	G 1/2" -14	G 5/8" -14	22	28	17.86 x 2.62
W45 HRO 08 HB 12	G 1/2" -14	G 3/4" -14	27	28	17.86 x 2.62
W45 HRO 12 HB 08	G 3/4" -14	G 1/2" -14	27	35	23.47 x 2.62
W45 HRO 12 HB	G 3/4" -14	G 3/4" -14	27	35	23.47 x 2.62
W45 HRO 12 HB 16	G 3/4" -14	G 1" -11	27	35	23.47 x 2.62
W45 HRO 16 HB 12	G 1" -11	G 3/4" -14	33	43	29.74 x 3.53
W45 HRO 16 HB	G 1" -11	G 1" -11	33	43	29.74 x 3.53
W45 HRO 20 HB	G 1.1/4" -11	G 1.1/4" -11	41	52	37.69 x 3.53
W45 HRO 24 HB	G 1.1/2" -11	G 1.1/2" -11	48	58	44.04 x 3.53

SW, S1, S2 = With across flats

W45 HMOK HB

Screw-in socket, angle 45°

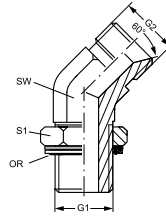


- Connection 1:**
Sealing form 1:
- Connection 2:**
Sealing form 2:
- Design:**
Construction:
Material:
Surface:
- metric cylindrical outer thread
Thread socket with O-ring + spacer
diaphragm ring
BSP cylindrical external threads
60° inner cone
Adjustable direction screw-in socket
Angle 45°
Steel
electro galvanised

Identification	G1	G2	SW mm	S1	OR
W45 HMOK 48 HB 24	M 48 x 2	G 1.1/2" -11	50	55	44.0 x 3.0
SW, S1, S2 = With across flats					

W45 HROK HB**Screw-in socket, angle 45°**

Connection 1: BSP external thread, cylindrical
Sealing form 1: Thread socket with O-ring + spacer diaphragm ring
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Adjustable direction screw-in socket
Construction: Angle 45°
Material: Steel
Surface: electro galvanised

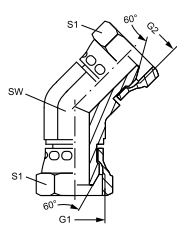


Identification	G1	G2	SW mm	S1	OR
W45 HROK 02 HB	G 1/8" -28	G 1/8" -28	11	16	7.65 x 1.78
W45 HROK 04 HB	G 1/4" -19	G 1/4" -19	14	20	10.78 x 2.62
W45 HROK 04 HB 02	G 1/4" -19	G 1/8" -28	14	20	10.78 x 2.62
W45 HROK 04 HB 06	G 1/4" -19	G 3/8" -19	14	16	10.78 x 2.62
W45 HROK 06 HB	G 3/8" -19	G 3/8" -19	22	24	13.94 x 2.62
W45 HROK 06 HB 04	G 3/8" -19	G 1/4" -19	14	24	13.94 x 2.62
W45 HROK 06 HB 08	G 3/8" -19	G 1/2" -14	22	24	13.94 x 2.62
W45 HROK 08 HB	G 1/2" -14	G 1/2" -14	22	28	17.86 x 2.62
W45 HROK 08 HB 06	G 1/2" -14	G 3/8" -19	22	28	17.86 x 2.62
W45 HROK 08 HB 10	G 1/2" -14	G 5/8" -14	22	28	17.86 x 2.62
W45 HROK 08 HB 12	G 1/2" -14	G 3/4" -14	27	28	17.86 x 2.62
W45 HROK 12 HB	G 3/4" -14	G 3/4" -14	27	35	23.47 x 2.62
W45 HROK 12 HB 06	G 3/4" -14	G 3/8" -19	27	35	23.47 x 2.62
W45 HROK 12 HB 16	G 3/4" -14	G 1" -11	33	35	23.47 x 2.62
W45 HROK 16 HB	G 1" -11	G 1" -11	33	43	29.74 x 3.53
W45 HROK 16 HB 12	G 1" -11	G 3/4" -14	33	43	29.74 x 3.53
W45 HROK 20 HB	G 1.1/4" -11	G 1.1/4" -11	41	52	37.69 x 3.53
W45 HROK 20 HB 16	G 1.1/4" -11	G 1" -11	41	52	37.69 x 3.53
W45 HROK 24 HB	G 1.1/2" -11	G 1.1/2" -11	48	58	44.04 x 3.53

SW, S1, S2 = With across flats

W45 AB

Connector, angle 45°



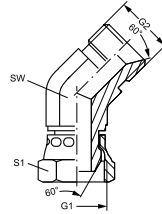
- Connection 1: BSP nut thread
- Sealing form 1: 60° outer cone
- Connection 2: BSP nut thread
- Sealing form 2: 60° outer cone
- Design: Connectors
- Construction: Angle 45°
- Material: Steel
- Surface: electro galvanised

Identification	G1 + G2	SW mm	S1	S2
W45 AB 04	G 1/4" -19	14	19	19
W45 AB 06	G 3/8" -19	19	22	22
W45 AB 08	G 1/2" -14	22	27	27
W45 AB 12	G 3/4" -14	27	32	32
W45 AB 16	G 1" -11	33	41	41

SW, S1, S2 = With across flats

W45 AB HB**Connector, angle 45°**

Connection 1: BSP nut thread
Sealing form 1: 60° outer cone
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Connectors
Construction: Angle 45°
Material: Steel
Surface: electro galvanised

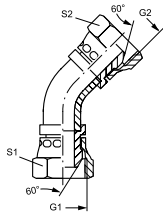


Identification	G1 + G2	SW mm	S1
W45 AB 04 HB	G 1/4" -19	14	19
W45 AB 06 HB	G 3/8" -19	17	22
W45 AB 08 HB	G 1/2" -14	22	27
W45 AB 12 HB	G 3/4" -14	27	32
W45 AB 16 HB	G 1" -11	36	41
W45 AB 20 HB	G 1.1/4" -11	46	50
W45 AB 24 HB	G 1.1/2" -11	50	55
W45 AB 32 HB	G 2" -11	60	70

SW, S1, S2 = With across flats

WB45 AB

Connector, angle 45°



- Connection 1:**
Sealing form 1:
Connection 2:
Sealing form 2:
Design:
Construction:
Supplementary design information:
Material:
Surface:

BSP nut thread
60° outer cone
BSP nut thread
60° outer cone
Connectors
Angle 45°

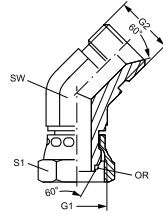
Pipe elbow
Steel
electro galvanised

Identification	G1 + G2	S1	S2
WB45 AB 04	G 1/4" -19	19	19
WB45 AB 06	G 3/8" -19	22	22
WB45 AB 08	G 1/2" -14	27	27
WB45 AB 10	G 5/8" -14	30	30
WB45 AB 12	G 3/4" -14	32	32
WB45 AB 16	G 1" -11	41	41
WB45 AB 20	G 1.1/4" -11	50	50
WB45 AB 24	G 1.1/2" -11	55	55
WB45 AB 32	G 2" -11	70	70

SW, S1, S2 = With across flats

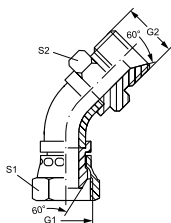
W45 AOB HB**Connector, angle 45°**

Connection 1: BSP nut thread
Sealing form 1: 60° outer cone with O-ring
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Connectors
Construction: Angle 45°
Material: Steel
Surface: electro galvanised



Note: W45AOB02HB is without O-ring

Identification	G1 + G2	SW mm	S1	OR
W45 AOB 02 HB	G 1/8" -28	11	14	-
W45 AOB 04 HB	G 1/4" -19	14	17	6.5 x 1.0
W45 AOB 06 HB	G 3/8" -19	19	22	8.1 x 1.6
W45 AOB 08 HB	G 1/2" -14	22	27	12.1 x 1.6
W45 AOB 10 HB	G 5/8" -14	25	27	13.0 x 1.6
W45 AOB 12 HB	G 3/4" -14	37	32	17.1 x 1.6
W45 AOB 16 HB	G 1" -11	33	41	22.1 x 1.6
W45 AOB 20 HB	G 1.1/4" -11	41	50	29.1 x 1.6
W45 AOB 24 HB	G 1.1/2" -11	50	60	35.1 x 1.6
SW, S1, S2 = With across flats				

WB45 AB HB**Connector, angle 45°**

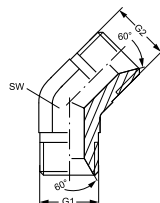
Connection 1: BSP nut thread
Sealing form 1: 60° outer cone
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Connectors
Construction: Angle 45°
Supplementary design information: Pipe elbow
Material: Steel
Surface: electro galvanised

Identification	G1	G2	S1	S2
WB45 AB 04 HB	G 1/4" -19	G 1/4" -19	19	19
WB45 AB 06 HB	G 3/8" -19	G 3/8" -19	22	22
WB45 AB 08 HB	G 1/2" -14	G 1/2" -14	27	27
WB45 AB 10 HB	G 5/8" -14	G 5/8" -14	30	30
WB45 AB 12 HB	G 3/4" -14	G 3/4" -14	32	32
WB45 AB 16 HB	G 1" -11	G 1" -11	38	41
WB45 AB 20 HB	G 1.1/4" -11	G 1.1/4" -11	50	50
WB45 AB 24 HB	G 1.1/2" -11	G 1.1/2" -11	55	55
WB45 AB 32 HB	G 2" -11	G 2" -11	70	65

SW, S1, S2 = With across flats

W45 HB**Connector, angle 45°**

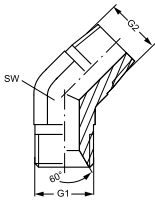
Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Connectors
Construction: Angle 45°
Material: Steel
Surface: electro galvanised



Identification	G1 + G2	SW mm
W45 HB 04	G 1/4" -19	14
W45 HB 06	G 3/8" -19	19
W45 HB 08	G 1/2" -14	22
W45 HB 12	G 3/4" -14	27
W45 HB 16	G 1" -11	33
W45 HB 20	G 1.1/4" -11	41
W45 HB 24	G 1.1/2" -11	50
SW = Width across flats		

W45 HB HN

Screw-in socket, angle 45°



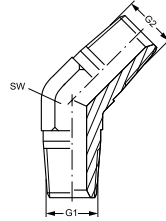
- Connection 1: BSP external thread, cylindrical
- Sealing form 1: 60° inner cone
- Connection 2: NPT external threads
- Sealing form 2: thread seal
- Design: Screw-in sockets
- Construction: Angle 45°
- Material: Steel
- Surface: electro galvanised

Identification	G1	G2	SW mm
W45 HB 04 HN	G 1/4" -19	1/4" -18 NPT	14
W45 HB 06 HN	G 3/8" -19	3/8" -18 NPT	19
W45 HB 08 HN	G 1/2" -14	1/2" -14 NPT	22
W45 HB 20 HN	G 1.1/4" -11	1.1/4" -11.5 NPT	41
W45 HB 24 HN	G 1.1/2" -11	1.1/2" -11.5 NPT	50

SW = Width across flats

W45 HRK**Screw-in socket, angle 45°**

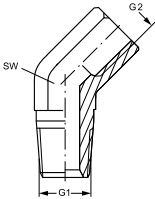
Connection 1: BSPT conical external threads
Sealing form 1: thread seal
Connection 2: BSPT conical external threads
Sealing form 2: thread seal
Design: Screw-in sockets
Construction: Angle 45°
Material: Steel
Surface: electro galvanised



Identification	G1 + G2	SW mm
W45 HRK 04	R 1/4" K	14
W45 HRK 06	R 3/8" K	19
W45 HRK 08	R 1/2" K	22
W45 HRK 12	R 3/4" K	27
W45 HRK 16	R 1" K	33
SW = Width across flats		

W45 HRK IR

Screw-in socket, angle 45°



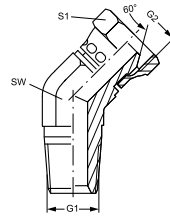
- Connection 1: BSPT conical external threads
- Sealing form 1: thread seal
- Connection 2: BSP cylindrical internal threads
- Sealing form 2: Flat seal
- Design: Screw-in sockets
- Construction: Angle 45°
- Material: Steel
- Surface: electro galvanised

Identification	G1	G2	SW mm
W45 HRK 02 IR	R 1/8" K	G 1/8" -28	14
W45 HRK 04 IR	R 1/4" K	G 1/4" -19	19
W45 HRK 06 IR	R 3/8" K	G 3/8" -19	22
W45 HRK 08 IR	R 1/2" K	G 1/2" -14	27
W45 HRK 12 IR	R 3/4" K	G 3/4" -14	32
W45 HRK 16 IR	R 1" K	G 1" -11	41

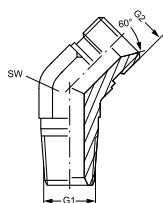
SW = Width across flats

W45 HRK AB**Screw-in socket, angle 45°**

Connection 1: BSPT conical external threads
Sealing form 1: thread seal
Connection 2: BSP nut thread
Sealing form 2: 60° inner cone
Design: Screw-in sockets
Construction: Angle 45°
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	S1
W45 HRK 04 AB	R 1/4" K	G 1/4" -19	19	19
W45 HRK 06 AB	R 3/8" K	G 3/8" -19	22	22
W45 HRK 08 AB	R 1/2" K	G 1/2" -14	27	27
W45 HRK 12 AB	R 3/4" K	G 3/4" -14	32	32
W45 HRK 16 AB	R 1" K	G 1" -11	41	41
W45 HRK 20 AB	R 1.1/4" K	G 1.1/4" -11	50	50
SW = Width across flats				

W45 HRK HB**Screw-in socket, angle 45°**

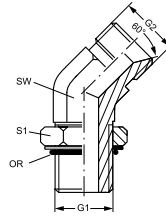
Connection 1: BSPT conical external threads
Sealing form 1: thread seal
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Screw-in sockets
Construction: Angle 45°
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm
W45 HRK 04 HB	R 1/4" K	G 1/4" -19	14
W45 HRK 04 HB 06	R 1/4" K	G 3/8" -19	19
W45 HRK 06 HB 04	R 3/8" K	G 1/4" -19	19
W45 HRK 06 HB	R 3/8" K	G 3/8" -19	19
W45 HRK 06 HB 08	R 3/8" K	G 1/2" -14	22
W45 HRK 08 HB 06	R 1/2" K	G 3/8" -19	22
W45 HRK 08 HB	R 1/2" K	G 1/2" -14	22
W45 HRK 08 HB 12	R 1/2" K	G 3/4" -14	27
W45 HRK 12 HB 08	R 3/4" K	G 1/2" -14	27
W45 HRK 12 HB	R 3/4" K	G 3/4" -14	27
W45 HRK 12 HB 16	R 3/4" K	G 1" -11	33
W45 HRK 16 HB 12	R 1" K	G 3/4" -14	33
W45 HRK 16 HB	R 1" K	G 1" -11	33
W45 HRK 16 HB 20	R 1" K	G 1.1/4" -11	41
W45 HRK 20 HB 16	R 1.1/4" K	G 1" -11	41
W45 HRK 20 HB	R 1.1/4" K	G 1.1/4" -11	41
W45 HRK 20 HB 24	R 1.1/4" K	G 1.1/2" -11	48
W45 HRK 24 HB 20	R 1.1/2" K	G 1.1/4" -11	48
W45 HRK 24 HB	R 1.1/2" K	G 1.1/2" -11	48
W45 HRK 32 HB 24	R 2" K	G 1.1/2" -11	64
W45 HRK 32 HB	R 2" K	G 2" -11	64

SW = Width across flats

W45 O HB**Screw-in socket, angle 45°**

Connection 1: UN/UNF external threads
Sealing form 1: O-ring seal on screw-in socket
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Screw-in sockets
Construction: Angle 45°
Material: Steel
Surface: electro galvanised

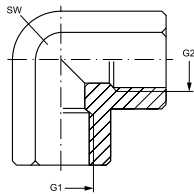


Identification	G1	G2	SW mm	S1	OR
W45 O 04 HB 02	7/16"-20 UNF	G 1/8" -28	11	14	8.92 x 1.83
W45 O 04 HB	7/16"-20 UNF	G 1/4" -19	11	14	8.92 x 1.83
W45 O 04 HB 06	7/16"-20 UNF	G 3/8" -19	14	14	8.92 x 1.83
W45 O 05 HB 02	1/2"-20 UNF	G 1/8" -28	13	16	10.52 x 1.83
W45 O 05 HB 04	1/2"-20 UNF	G 1/4" -19	13	16	10.52 x 1.83
W45 O 06 HB 04	9/16"-18 UNF	G 1/4" -19	14	17	11.90 x 1.98
W45 O 06 HB	9/16"-18 UNF	G 3/8" -19	14	17	11.90 x 1.98
W45 O 08 HB 04	3/4"-16 UNF	G 1/4" -19	19	22	16.36 x 2.20
W45 O 08 HB 06	3/4"-16 UNF	G 3/8" -19	19	22	16.36 x 2.20
W45 O 08 HB	3/4"-16 UNF	G 1/2" -14	19	22	16.36 x 2.20
W45 O 08 HB 12	3/4"-16 UNF	G 3/4" -14	27	22	16.36 x 2.20
W45 O 10 HB 06	7/8"-14 UNF	G 3/8" -19	22	25	19.18 x 2.46
W45 O 10 HB 08	7/8"-14 UNF	G 1/2" -14	22	25	19.18 x 2.46
W45 O 10 HB 12	7/8"-14 UNF	G 3/4" -14	27	25	19.18 x 2.46
W45 O 12 HB 08	1.1/16" -12 UN	G 1/2" -14	27	32	23.47 x 2.95
W45 O 12 HB	1.1/16" -12 UN	G 3/4" -14	27	32	23.47 x 2.95
W45 O 12 HB 16	1.1/16" -12 UN	G 1" -11	33	32	23.47 x 2.95
W45 O 16 HB 12	1.5/16" -12 UN	G 3/4" -14	33	38	29.74 x 2.95
W45 O 16 HB	1.5/16" -12 UN	G 1" -11	33	38	29.74 x 2.95

SW, S1, S2 = With across flats

W90 IR

Connection socket, IGR, angle 90°



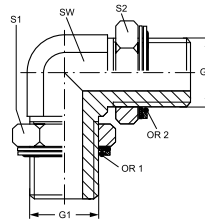
- Connection 1:** BSP cylindrical internal threads
- Sealing form 1:** flat sealing
- Connection 2:** BSP cylindrical internal threads
- Sealing form 2:** Flat seal
- Design:** Connection sockets
- Construction:** Angle 90°
- Material:** Steel
- Surface:** electro galvanised

Identification	G1 + G2	SW mm
W90 IR 02	G 1/8" -28	17
W90 IR 04	G 1/4" -19	19
W90 IR 06	G 3/8" -19	22
W90 IR 08	G 1/2" -14	27
W90 IR 12	G 3/4" -14	33
W90 IR 16	G 1" -11	41
W90 IR 20	G 1.1/4" -11	48
W90 IR 24	G 1.1/2" -11	64
W90 IR 32	G 2" -11	73

SW = Width across flats

W90 HROK**Screw-in socket, angle 90°**

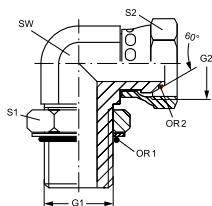
Connection 1 + 2: BSP cylindrical external threads
Sealing form 1 + 2: Thread socket with O-ring + spacer diaphragm ring
Design: Adjustable direction screw-in socket
Construction: Angle 90°
Material: Steel
Surface: electro galvanised



Identification	G1 + G2	SW mm	S1 + S2 mm	S1	S2	OR	OR1 + OR2
W90 HROK 08	G 1/2" -14	22	27	27	27	17.86 x 2.62	17.96 x 2.62
SW, S1, S2 = With across flats							

W90 HRO AOB

Screw-in socket, angle 90°



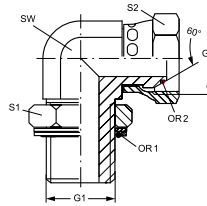
Connection 1: BSP external thread, cylindrical form G
Sealing form 1: BSP nut thread
Connection 2: 60° outer cone with O-ring
Sealing form 2: Adjustable direction screw-in socket
Design: straight
Construction: Steel
Material: electro galvanised

Identification	G1	G2	SW mm	S1	S2	OR1	OR2
W90 HRO 04 AOB 02	G 1/4" -19	G 1/8" -28	14	20	14	10.77 x 2.62	4.5 x 1.5
W90 HRO 04 AOB	G 1/4" -19	G 1/4" -19	14	20	17	10.77 x 2.62	6.5 x 1.0
W90 HRO 06 AOB 04	G 3/8" -19	G 1/4" -19	19	17	24	13.94 x 2.62	6.5 x 1.0
W90 HRO 06 AOB	G 3/8" -19	G 3/8" -19	19	24	22	13.94 x 2.62	8.1 x 1.6
W90 HRO 08 AOB 06	G 1/2" -14	G 3/8" -19	22	28	22	17.86 x 2.62	8.1 x 1.6
W90 HRO 08 AOB	G 1/2" -14	G 1/2" -14	22	28	27	17.86 x 2.62	12.1 x 1.6
W90 HRO 08 AOB 12	G 1/2" -14	G 3/4" -14	30	28	32	17.86 x 2.62	17.1 x 1.6
W90 HRO 12 AOB 08	G 3/4" -14	G 1/2" -14	30	35	27	23.47 x 2.62	12.1 x 1.6
W90 HRO 12 AOB	G 3/4" -14	G 3/4" -14	30	35	32	23.47 x 2.62	17.1 x 1.6
W90 HRO 16 AOB	G 1" -11	G 1" -11	36	43	41	29.75 x 3.53	22.1 x 1.6
W90 HRO 20 AOB	G 1.1/4" -11	G 1.1/4" -11	50	52	50	37.69 x 3.53	29.1 x 1.6
W90 HRO 24 AOB	G 1.1/2" -11	G 1.1/2" -11	50	58	60	44.04 x 3.53	35.1 x 1.6

SW, S1, S2 = With across flats

W90 HROK AOB**Screw-in socket, angle 90°**

Connection 1: BSP external thread, cylindrical
Sealing form 1: O-ring and spacer diaphragm ring
Connection 2: BSP nut thread
Sealing form 2: 60° outer cone with O-ring
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

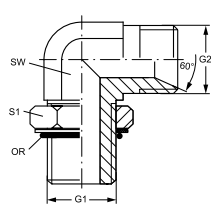


Identification	G1	G2	SW mm	S1	S2	OR1	OR2
W90 HROK 04 AOB 02	G 1/4" -19	G 1/8" -28	14	20	14	10.77 x 2.62	4.5 x 1.5
W90 HROK 04 AOB	G 1/4" -19	G 1/4" -19	14	20	17	10.77 x 2.62	6.5 x 1.0
W90 HROK 06 AOB 04	G 3/8" -19	G 1/4" -19	19	24	17	13.94 x 2.62	6.5 x 1.0
W90 HROK 06 AOB	G 3/8" -19	G 3/8" -19	19	24	22	13.94 x 2.62	8.1 x 1.6
W90 HROK 08 AOB 06	G 1/2" -14	G 3/8" -19	22	28	27	17.86 x 2.62	8.1 x 1.6
W90 HROK 08 AOB	G 1/2" -14	G 1/2" -14	22	28	27	17.86 x 2.62	12.1 x 1.6
W90 HROK 08 AOB 12	G 1/2" -14	G 3/4" -14	27	28	32	17.86 x 2.62	17.1 x 1.6
W90 HROK 12 AOB 08	G 3/4" -14	G 1/2" -14	30	35	27	23.47 x 2.62	12.1 x 1.6
W90 HROK 12 AOB	G 3/4" -14	G 3/4" -14	30	35	32	23.47 x 2.62	17.1 x 1.6
W90 HROK 16 AOB	G 1" -11	G 1" -11	36	43	32	29.75 x 3.53	22.1 x 1.6
W90 HROK 20 AOB	G 1.1/4" -11	G 1.1/4" -11	50	52	50	37.69 x 3.53	29.1 x 1.6
W90 HROK 24 AOB	G 1.1/2" -11	G 1.1/2" -11	50	58	60	44.04 x 3.53	35.1 x 1.6

SW, S1, S2 = With across flats

W90 HRO HB

Screw-in socket, angle 90°



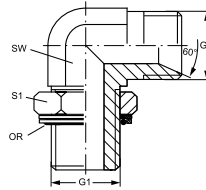
- Connection 1:** BSP external thread, cylindrical form G
Sealing form 1: BSP cylindrical external threads
Connection 2: 60° inner cone
Sealing form 2: Adjustable direction screw-in socket
Design: Angle 90°
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm	S1	OR
W90 HRO 02 HB	G 1/8" -28	G 1/8" -28	14	16	7.65 x 1.78
W90 HRO 04 HB 02	G 1/4" -19	G 1/8" -28	14	20	10.78 x 2.62
W90 HRO 06 HB 04	G 3/8" -19	G 1/4" -19	19	24	13.94 x 2.62
W90 HRO 08 HB 06	G 1/2" -14	G 3/8" -19	22	28	17.86 x 2.62
W90 HRO 08 HB 10	G 1/2" -14	G 5/8" -14	22	28	17.86 x 2.62
W90 HRO 12 HB 08	G 3/4" -14	G 1/2" -14	27	35	23.47 x 2.62
W90 HRO 16 HB 12	G 1" -11	G 3/4" -14	27	43	29.74 x 3.53
W90 HRO 16 HB 20	G 1" -11	G 1.1/4" -11	33	43	29.74 x 3.53
W90 HRO 20 HB 16	G 1.1/4" -11	G 1" -11	41	52	37.69 x 3.53
W90 HRO 24 HB	G 1.1/2" -11	G 1.1/2" -11	48	58	44.04 x 3.53

SW, S1, S2 = With across flats

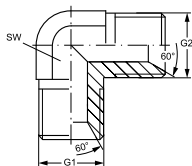
W90 HROK HB**Screw-in socket, angle 90°**

Connection 1: BSP external thread, cylindrical
Sealing form 1: Thread socket with O-ring + spacer diaphragm ring
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Adjustable direction screw-in socket
Construction: Angle 90°
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	S1	OR
W90 HROK 02 HB	G 1/8" -28	G 1/8" -28	11	14	7.97 x 1.88
W90 HROK 04 HB 02	G 1/4" -19	G 1/8" -28	14	19	10.77 x 2.62
W90 HROK 04 HB	G 1/4" -19	G 1/4" -19	14	19	10.77 x 2.62
W90 HROK 04 HB 06	G 1/4" -19	G 3/8" -19	14	19	10.77 x 2.62
W90 HROK 06 HB 04	G 3/8" -19	G 1/4" -19	19	22	13.94 x 2.62
W90 HROK 06 HB	G 3/8" -19	G 3/8" -19	19	22	13.94 x 2.62
W90 HROK 06 HB 08	G 3/8" -19	G 1/2" -14	19	22	13.94 x 2.62
W90 HROK 08 HB 06	G 1/2" -14	G 3/8" -19	22	27	17.86 x 2.62
W90 HROK 08 HB	G 1/2" -14	G 1/2" -14	22	27	17.86 x 2.62
W90 HROK 08 HB 10	G 1/2" -14	G 5/8" -14	22	27	17.86 x 2.62
W90 HROK 08 HB 12	G 1/2" -14	G 3/4" -14	27	27	17.86 x 2.62
W90 HROK 12 HB 08	G 3/4" -14	G 1/2" -14	27	35	23.47 x 2.62
W90 HROK 12 HB	G 3/4" -14	G 3/4" -14	27	36	23.47 x 2.62
W90 HROK 12 HB 16	G 3/4" -14	G 1" -11	33	36	23.47 x 2.62
W90 HROK 16 HB 12	G 1" -11	G 3/4" -14	33	41	29.74 x 3.53
W90 HROK 16 HB	G 1" -11	G 1" -11	33	41	29.74 x 3.53
W90 HROK 20 HB 16	G 1.1/4" -11	G 1" -11	41	50	37.69 x 3.53
W90 HROK 20 HB	G 1.1/4" -11	G 1.1/4" -11	41	50	37.69 x 3.53
W90 HROK 24 HB	G 1.1/2" -11	G 1.1/2" -11	48	55	44.04 x 3.53

SW, S1, S2 = With across flats

W90 HB**Connector, angle 90°**

Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Connectors
Construction: Angle 90°
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm
W90 HB 02	G 1/8" -28	G 1/8" -28	11
W90 HB 04 HB 02	G 1/4" -19	G 1/8" -28	14
W90 HB 04	G 1/4" -19	G 1/4" -19	14
W90 HB 06 HB 04	G 3/8" -19	G 1/4" -19	19
W90 HB 06	G 3/8" -19	G 3/8" -19	19
W90 HB 08 HB 06	G 1/2" -14	G 3/8" -19	22
W90 HB 08	G 1/2" -14	G 1/2" -14	22
W90 HB 10	G 5/8" -14	G 5/8" -14	22
W90 HB 12 HB 08	G 3/4" -14	G 1/2" -14	27
W90 HB 12	G 3/4" -14	G 3/4" -14	27
W90 HB 16 HB 12	G 1" -11	G 3/4" -14	33
W90 HB 16	G 1" -11	G 1" -11	33
W90 HB 20 HB 16	G 1.1/4" -11	G 1" -11	41
W90 HB 20	G 1.1/4" -11	G 1.1/4" -11	41
W90 HB 24	G 1.1/2" -11	G 1.1/2" -11	50
W90 HB 32	G 2" -11	G 2" -11	55

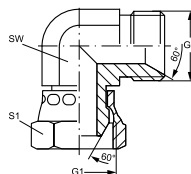
SW = Width across flats

Product versions:

W90 HB VA - Fitting socket, angle 90°, Stainless steel

W90 AB HB**Connector, angle 90°**

Connection 1: BSP nut thread
Sealing form 1: 60° outer cone
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Connectors
Construction: Angle 90°
Material: Steel
Surface: electro galvanised



Identification	G1 + G2	SW mm	S1
W90 AB 02 HB	G 1/8" -28	10	14
W90 AB 04 HB	G 1/4" -19	14	19
W90 AB 06 HB	G 3/8" -19	17	22
W90 AB 08 HB	G 1/2" -14	22	27
W90 AB 10 HB	G 5/8" -14	24	30
W90 AB 12 HB	G 3/4" -14	27	32
W90 AB 16 HB	G 1" -11	36	41
W90 AB 20 HB	G 1.1/4" -11	46	50
W90 AB 24 HB	G 1.1/2" -11	50	55
W90 AB 32 HB	G 2" -11	60	70

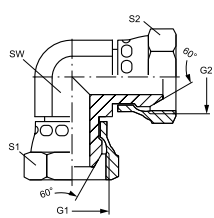
SW, S1, S2 = With across flats

Product versions:

W90 AB HB VA - Screw-on socket, angle 90°, Stainless steel

W90 AB

Connector, angle 90°



- Connection 1: BSP nut thread
- Sealing form 1: 60° outer cone
- Connection 2: BSP nut thread
- Design: Connectors
- Construction: Angle 90°
- Material: Steel
- Surface: electro galvanised

3

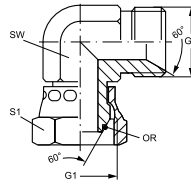
Identification	G1 + G2	SW mm	S1 + S2 mm
W90 AB 02	G 1/8" -28	11	14
W90 AB 04	G 1/4" -19	14	19
W90 AB 06	G 3/8" -19	19	22
W90 AB 08	G 1/2" -14	22	27
W90 AB 10	G 5/8" -14	25	27
W90 AB 12	G 3/4" -14	27	32
W90 AB 16	G 1" -11	33	41
W90 AB 20	G 1.1/4" -11	41	50
W90 AB 24	G 1.1/2" -11	48	60
W90 AB 32	G 2" -11	67	70

SW, S1, S2 = With across flats

Product versions:
W90 AB VA - Screw-on socket, angle 90°, Stainless steel

W90 AOB HB**Connector, angle 90°**

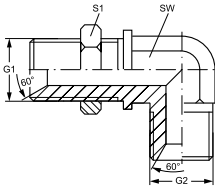
Connection 1: BSP nut thread
Sealing form 1: 60° outer cone with O-ring
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Connectors
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1 + G2	SW mm	S1	OR
W90 AOB 02 HB	G 1/8" -28	11	14	4.5 x 1.5
W90 AOB 04 HB	G 1/4" -19	14	17	6.5 x 1.0
W90 AOB 06 HB	G 3/8" -19	19	22	8.1 x 1.6
W90 AOB 08 HB	G 1/2" -14	22	27	12.1 x 1.6
W90 AOB 10 HB	G 5/8" -14	25	27	13.1 x 1.6
W90 AOB 12 HB	G 3/4" -14	27	32	17.1 x 1.6
W90 AOB 16 HB	G 1" -11	33	41	22.1 x 1.6
W90 AOB 20 HB	G 1.1/4" -11	41	50	29.1 x 1.6
W90 AOB 24 HB	G 1.1/2" -11	50	60	35.1 x 1.6
SW, S1, S2 = With across flats				

SW HB

Bulkhead fitting socket, angle 90°



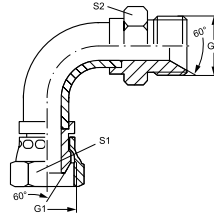
- Connection 1: BSP external thread, cylindrical
- Sealing form 1: 60° inner cone
- Connection 2: BSP cylindrical external threads
- Sealing form 2: 60° inner cone
- Design: Bulkhead fitting socket
- Construction: Angle 90°
- Material: Steel
- Surface: electro galvanised

Identification	G1 + G2	SW mm	S1
SW HB 02	G 1/8" -28	11	14
SW HB 04	G 1/4" -19	14	19
SW HB 06	G 3/8" -19	19	22
SW HB 08	G 1/2" -14	22	27
SW HB 10	G 5/8" -14	22	30
SW HB 12	G 3/4" -14	27	32
SW HB 16	G 1" -11	33	41
SW HB 20	G 1.1/4" -11	41	50
SW HB 24	G 1.1/2" -11	50	55

SW, S1, S2 = With across flats

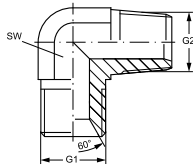
WB90 AB HB**Connection socket, angle 90°**

Connection 1: BSP nut thread
Sealing form 1: 60° outer cone
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Connecting socket (short pipe bend)
Construction: Angle 90°
Material: Steel
Surface: electro galvanised



Identification	G1 + G2	S1	S2
WB90 AB 02 HB	G 1/8" -28	14	14
WB90 AB 04 HB	G 1/4" -19	19	19
WB90 AB 06 HB	G 3/8" -19	22	22
WB90 AB 08 HB	G 1/2" -14	27	27
WB90 AB 10 HB	G 5/8" -14	30	30
WB90 AB 12 HB	G 3/4" -14	32	32
WB90 AB 16 HB	G 1" -11	38	41
WB90 AB 20 HB	G 1.1/4" -11	50	50
WB90 AB 24 HB	G 1.1/2" -11	55	55
WB90 AB 32 HB	G 2" -11	70	65

SW, S1, S2 = With across flats

W90 HB HN**Screw-in socket, angle 90°**

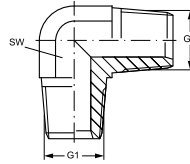
Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Connection 2: NPT external threads
Sealing form 2: thread seal
Design: Screw-in sockets
Construction: Angle 90°
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm
W90 HB 02 HN	G 1/8" -28	1/8" -27 NPT	11
W90 HB 04 HN 02	G 1/4" -19	1/8" -27 NPT	14
W90 HB 04 HN	G 1/4" -19	1/4" -18 NPT	14
W90 HB 06 HN 04	G 3/8" -19	1/4" -18 NPT	19
W90 HB 06 HN	G 3/8" -19	3/8" -18 NPT	19
W90 HB 06 HN 08	G 3/8" -19	1/2" -14 NPT	22
W90 HB 08 HN 06	G 1/2" -14	3/8" -18 NPT	22
W90 HB 08 HN	G 1/2" -14	1/2" -14 NPT	22
W90 HB 12 HN 08	G 3/4" -14	1/2" -14 NPT	27
W90 HB 12 HN	G 3/4" -14	3/4" -14 NPT	27
W90 HB 16 HN	G 1" -11	1" -11.5 NPT	33
W90 HB 20 HN	G 1.1/4" -11	1.1/4" -11.5 NPT	41
W90 HB 24 HN	G 1.1/2" -11	1.1/2" -11.5 NPT	50
W90 HB 32 HN	G 2" -11	2" -11.5 NPT	55

SW = Width across flats

W90 HRK**Screw-in socket, angle 90°**

Connection 1: BSPT conical external threads
Sealing form 1: thread seal
Connection 2: BSPT conical external threads
Sealing form 2: thread seal
Design: Screw-in sockets
Construction: Angle 90°
Material: Steel
Surface: electro galvanised

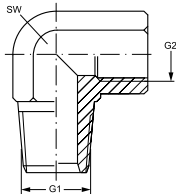


Identification	G1 + G2	SW mm
W90 HRK 02	R 1/8" K	11
W90 HRK 04	R 1/4" K	14
W90 HRK 06	R 3/8" K	19
W90 HRK 08	R 1/2" K	22
W90 HRK 12	R 3/4" K	27
W90 HRK 16	R 1" K	33
SW = Width across flats		

3

W90 HRK IR

Screw-in socket, angle 90°



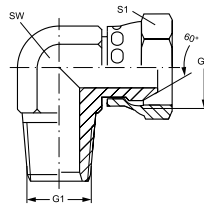
- Connection 1: BSPT conical external threads
- Sealing form 1: thread seal
- Connection 2: BSP cylindrical internal threads
- Sealing form 2: Flat seal
- Design: Screw-in sockets
- Construction: Angle 90°
- Material: Steel
- Surface: electro galvanised

Identification	G1	G2	SW mm
W90 HRK 02 IR	R 1/8" K	G 1/8" -28	14
W90 HRK 04 IR	R 1/4" K	G 1/4" -19	19
W90 HRK 06 IR	R 3/8" K	G 3/8" -19	22
W90 HRK 08 IR	R 1/2" K	G 1/2" -14	27
W90 HRK 12 IR	R 3/4" K	G 3/4" -14	32
W90 HRK 16 IR	R 1" K	G 1" -11	41

SW = Width across flats

W90 HRK AB**Screw-in socket, angle 90°**

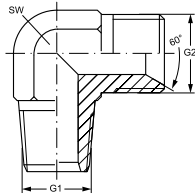
Connection 1: BSPT conical external threads
Sealing form 1: thread seal
Connection 2: BSP nut thread
Sealing form 2: 60° inner cone
Design: Screw-in sockets
Construction: Angle 90°
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	S1	S2
W90 HRK 04 AB	R 1/4" K	G 1/4" -19	14	19	19
W90 HRK 06 AB	R 3/8" K	G 3/8" -19	19	22	22
W90 HRK 08 AB	R 1/2" K	G 1/2" -14	22	27	27
W90 HRK 12 AB	R 3/4" K	G 3/4" -14	27	32	32
W90 HRK 16 AB	R 1" K	G 1" -11	33	41	41
W90 HRK 20 AB	R 1.1/4" K	G 1.1/4" -11	41	50	50
W90 HRK 24 AB	R 1.1/2" K	G 1.1/2" -11	48	60	60
SW, S1, S2 = With across flats					

W90 HRK HB

Screw-in socket, angle 90°



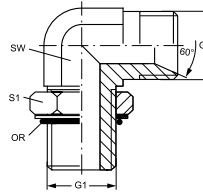
Connection 1: BSPT conical external threads
Sealing form 1: thread seal
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Screw-in sockets
Construction: Angle 90°
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm
W90 HRK 02 HB	R 1/8" K	G 1/8" -28	11
W90 HRK 02 HB 04	R 1/8" K	G 1/4" -19	11
W90 HRK 04 HB 02	R 1/4" K	G 1/8" -28	14
W90 HRK 04 HB	R 1/4" K	G 1/4" -19	14
W90 HRK 04 HB 06	R 1/4" K	G 3/8" -19	14
W90 HRK 06 HB 04	R 3/8" K	G 1/4" -19	14
W90 HRK 06 HB	R 3/8" K	G 3/8" -19	17
W90 HRK 06 HB 08	R 3/8" K	G 1/2" -14	19
W90 HRK 08 HB 06	R 1/2" K	G 3/8" -19	19
W90 HRK 08 HB	R 1/2" K	G 1/2" -14	19
W90 HRK 08 HB 12	R 1/2" K	G 3/4" -14	27
W90 HRK 12 HB 08	R 3/4" K	G 1/2" -14	27
W90 HRK 12 HB	R 3/4" K	G 3/4" -14	27
W90 HRK 12 HB 16	R 3/4" K	G 1" -11	33
W90 HRK 16 HB 12	R 1" K	G 3/4" -14	33
W90 HRK 16 HB	R 1" K	G 1" -11	36
W90 HRK 20 HB	R 1.1/4" K	G 1.1/4" -11	41
W90 HRK 24 HB	R 1.1/2" K	G 1.1/2" -11	48
W90 HRK 32 HB	R 2" K	G 2" -11	64

SW = Width across flats

W90 O HB**Screw-in socket, AGR, angle 90°**

Connection 1: UN/UNF external threads
Sealing form 1: O-ring seal on screw-in socket
Connection 2: BSP cylindrical external threads
Sealing form 2: 60° inner cone
Design: Screw-in sockets
Construction: Angle 90°
Material: Steel
Surface: electro galvanised

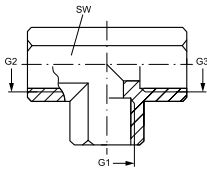


Identification	G1	G2	SW mm	S1	OR
W90 O 04 HB 02	7/16"-20 UNF	G 1/8" -28	11	17	8.92 x 1.83
W90 O 04 HB	7/16"-20 UNF	G 1/4" -19	11	17	8.92 x 1.83
W90 O 04 HB 06	7/16"-20 UNF	G 3/8" -19	14	17	8.92 x 1.83
W90 O 05 HB 02	1/2"-20 UNF	G 1/8" -28	14	19	10.52 x 1.83
W90 O 05 HB 04	1/2"-20 UNF	G 1/4" -19	14	19	10.52 x 1.83
W90 O 06 HB 04	9/16"-18 UNF	G 1/4" -19	14	21	11.90 x 1.98
W90 O 06 HB	9/16"-18 UNF	G 3/8" -19	14	21	11.90 x 1.98
W90 O 08 HB 04	3/4"-16 UNF	G 1/4" -19	19	25	16.36 x 2.20
W90 O 08 HB 06	3/4"-16 UNF	G 3/8" -19	19	25	16.36 x 2.20
W90 O 08 HB	3/4"-16 UNF	G 1/2" -14	19	25	16.36 x 2.20
W90 O 08 HB 12	3/4"-16 UNF	G 3/4" -14	22	25	16.36 x 2.20
W90 O 10 HB 06	7/8"-14 UNF	G 3/8" -19	22	30	19.18 x 2.46
W90 O 10 HB 08	7/8"-14 UNF	G 1/2" -14	22	30	19.18 x 2.46
W90 O 10 HB	7/8"-14 UNF	G 5/8" -14	22	30	19.18 x 2.46
W90 O 10 HB 12	7/8"-14 UNF	G 3/4" -14	22	30	19.18 x 2.46
W90 O 12 HB 08	1.1/16" -12 UN	G 1/2" -14	27	36	23.47 x 2.95
W90 O 12 HB	1.1/16" -12 UN	G 3/4" -14	27	36	23.47 x 2.95
W90 O 12 HB 16	1.1/16" -12 UN	G 1" -11	33	36	23.47 x 2.95
W90 O 16 HB 12	1.5/16" -12 UN	G 3/4" -14	33	45	29.74 x 2.95
W90 O 16 HB	1.5/16" -12 UN	G 1" -11	33	45	29.74 x 2.95
W90 O 16 HB 20	1.5/16" -12 UN	G 1.1/4" -11	41	45	29.74 x 2.95
W90 O 20 HB 16	1.5/8" -12 UN	G 1" -11	41	55	37.47 x 3.00
W90 O 20 HB	1.5/8" -12 UN	G 1.1/4" -11	41	55	37.47 x 3.00

SW, S1, S2 = With across flats

T IR

Screw-on socket, T shaped



- Connection 1 - 3: BSP cylindrical internal threads
- Sealing form 1 - 3: Shape A
- Design: Screw-on socket
- Construction: T shaped
- Material: Steel
- Surface: electro galvanised

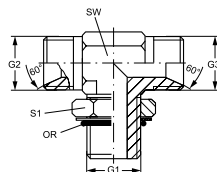
3

Identification	G1 - G3	SW mm
T IR 02	G 1/8" -28	14
T IR 04	G 1/4" -19	19
T IR 06	G 3/8" -19	22
T IR 08	G 1/2" -14	27
T IR 12	G 3/4" -14	33
T IR 16	G 1" -11	41
T IR 20	G 1.1/4" -11	50
T IR 24	G 1.1/2" -11	60
T IR 32	G 2" -11	70

SW = Width across flats

T HRO HB**Screw-in socket, T shaped**

Connection 1: BSP external thread, cylindrical form G
Sealing form 1:
Connection 2 + 3: BSP cylindrical external threads
Sealing form 2 + 3:
3: 60° inner cone
Design: Adjustable direction screw-in socket
Construction: T shaped
Material: Steel
Surface: electro galvanised

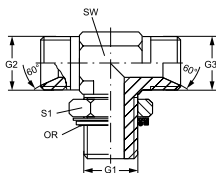


Identification	G1	G2 + G3	SW mm	S1	OR
T HRO 02 HB	G 1/8" -28	G 1/8" -28	11	16	7.65 x 1.78
T HRO 04 HB 02	G 1/4" -19	G 1/8" -28	14	20	10.78 x 2.62
T HRO 04 HB	G 1/4" -19	G 1/4" -19	19	20	10.78 x 2.62
T HRO 04 HB 06	G 1/4" -19	G 3/8" -19	14	20	10.78 x 2.62
T HRO 06 HB 04	G 3/8" -19	G 1/4" -19	19	24	13.94 x 2.62
T HRO 06 HB	G 3/8" -19	G 3/8" -19	19	24	13.94 x 2.62
T HRO 06 HB 08	G 3/8" -19	G 1/2" -14	19	24	13.94 x 2.62
T HRO 08 HB 06	G 1/2" -14	G 3/8" -19	22	28	17.86 x 2.62
T HRO 08 HB	G 1/2" -14	G 1/2" -14	22	28	17.86 x 2.62
T HRO 08 HB 10	G 1/2" -14	G 5/8" -14	22	28	17.86 x 2.62
T HRO 08 HB 12	G 1/2" -14	G 3/4" -14	27	28	17.86 x 2.62
T HRO 12 HB 08	G 3/4" -14	G 1/2" -14	27	35	23.47 x 2.62
T HRO 12 HB	G 3/4" -14	G 3/4" -14	27	35	23.47 x 2.62
T HRO 12 HB 16	G 3/4" -14	G 1" -11	33	35	23.47 x 2.62
T HRO 16 HB 12	G 1" -11	G 3/4" -14	33	43	29.74 x 3.53
T HRO 16 HB	G 1" -11	G 1" -11	33	43	29.74 x 3.53
T HRO 20 HB 16	G 1.1/4" -11	G 1" -11	41	52	37.69 x 3.53
T HRO 20 HB	G 1.1/4" -11	G 1.1/4" -11	41	52	37.69 x 3.53
T HRO 24 HB	G 1.1/2" -11	G 1.1/2" -11	50	58	44.04 x 3.53

SW, S1, S2 = With across flats

T HROK HB

Screw-in socket, T shaped



Connection 1:

Sealing form 1:

Connection 2 + 3:

Sealing form 2 +

3:

Design:

Construction:

Material:

Surface:

BSP external thread, cylindrical
Thread socket with O-ring + spacer
diaphragm ring

BSP cylindrical external threads

60° inner cone

Adjustable direction screw-in socket

T shaped

Steel

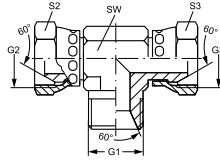
electro galvanised

Identification	G1	G2 + G3	SW mm	S1	OR
T HROK 02 HB	G 1/8" -28	G 1/8" -28	14	14	7.65 x 1.78
T HROK 04 HB 02	G 1/4" -19	G 1/8" -28	14	19	10.78 x 2.62
T HROK 04 HB	G 1/4" -19	G 1/4" -19	19	19	10.78 x 2.62
T HROK 04 HB 06	G 1/4" -19	G 3/8" -19	19	19	10.78 x 2.62
T HROK 06 HB 04	G 3/8" -19	G 1/4" -19	19	22	13.94 x 2.62
T HROK 06 HB	G 3/8" -19	G 3/8" -19	19	22	13.94 x 2.62
T HROK 06 HB 08	G 3/8" -19	G 1/2" -14	19	22	13.94 x 2.62
T HROK 08 HB 06	G 1/2" -14	G 3/8" -19	27	27	17.86 x 2.62
T HROK 08 HB	G 1/2" -14	G 1/2" -14	27	27	17.86 x 2.62
T HROK 08 HB 10	G 1/2" -14	G 5/8" -14	27	27	17.86 x 2.62
T HROK 08 HB 12	G 1/2" -14	G 3/4" -14	30	27	17.86 x 2.62
T HROK 12 HB 08	G 3/4" -14	G 1/2" -14	30	36	23.47 x 2.62
T HROK 12 HB	G 3/4" -14	G 3/4" -14	30	36	23.47 x 2.62
T HROK 12 HB 16	G 3/4" -14	G 1" -11	36	36	23.47 x 2.62
T HROK 16 HB 12	G 1" -11	G 3/4" -14	36	41	29.74 x 3.53
T HROK 16 HB	G 1" -11	G 1" -11	36	41	29.74 x 3.53
T HROK 20 HB 16	G 1.1/4" -11	G 1" -11	41	50	37.69 x 3.53
T HROK 20 HB	G 1.1/4" -11	G 1.1/4" -11	51	50	37.69 x 3.53
T HROK 24 HB	G 1.1/2" -11	G 1.1/2" -11	50	55	44.04 x 3.53

SW, S1, S2 = With across flats

T HB AB**Screw-in socket, T shaped**

Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Connection 2 + 3: BSP nut thread
Sealing form 2 + 3: 60° outer cone
Design: Screw-in sockets
Construction: T shaped
Material: Steel
Surface: electro galvanised

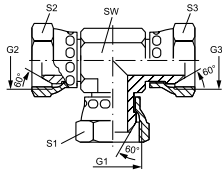


Identification	G1	G2 + G3	SW mm	S2 + S3
T HB 04 AB	G 1/4" -19	G 1/4" -19	14	19
T HB 06 AB	G 3/8" -19	G 3/8" -19	19	22
T HB 08 AB	G 1/2" -14	G 1/2" -14	22	27
T HB 12 AB	G 3/4" -14	G 3/4" -14	27	32
T HB 16 AB	G 1" -11	G 1" -11	33	41

SW, S1, S2 = With across flats

T AB

Screw-on socket, T shaped



- Connection 1 - 3:** BSP nut thread
Sealing form 1 - 3: 60° outer cone
Design: Adjustable direction screw-on socket
Construction: T shaped
Material: Steel
Surface: electro galvanised

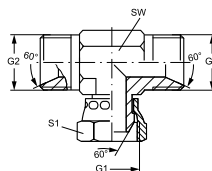
Identification	G1 - G3	SW mm	S1 - S3 mm
T AB 02	G 1/8" -28	11	14
T AB 04	G 1/4" -19	14	19
T AB 06	G 3/8" -19	19	22
T AB 08	G 1/2" -14	22	27
T AB 10	G 5/8" -14	22	30
T AB 12	G 3/4" -14	27	32
T AB 16	G 1" -11	33	41
T AB 20	G 1.1/4" -11	41	50
T AB 24	G 1.1/2" -11	48	60
T AB 32	G 2" -11	64	70

SW, S1, S2 = With across flats

Product versions:
T AB VA - Screw-on socket, T shaped, Stainless steel

T AB HB**Screw-on socket, T shaped**

Connection 1: BSP nut thread
Sealing form 1: 60° outer cone
Connection 2 + 3: BSP cylindrical external threads
Sealing form 2 + 3:
3: 60° inner cone
Design: Adjustable direction screw-on socket
Construction: T shaped
Material: Steel
Surface: electro galvanised



Identification	G1	G2 + G3	SW mm	S1
T AB 04 HB	G 1/4" -19	G 1/4" -19	14	19
T AB 06 HB	G 3/8" -19	G 3/8" -19	17	22
T AB 08 HB	G 1/2" -14	G 1/2" -14	22	27
T AB 10 HB	G 5/8" -14	G 5/8" -14	24	30
T AB 12 HB	G 3/4" -14	G 3/4" -14	27	32
T AB 16 HB	G 1" -11	G 1" -11	36	41
T AB 20 HB	G 1.1/4" -11	G 1.1/4" -11	46	50
T AB 24 HB	G 1.1/2" -11	G 1.1/2" -11	50	55

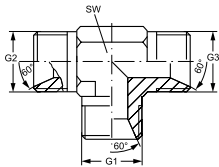
SW, S1, S2 = With across flats

Product versions:

T AB HB VA - Screw-on socket, T shaped, Stainless steel

T HB

Connection socket, T shaped



- Connection 1 - 3:** BSP cylindrical external threads
Sealing form 1 - 3: 60° inner cone
Design: Connection sockets
Construction: T shaped
Material: Steel
Surface: electro galvanised

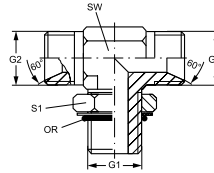
Identification	G1 - G3	SW mm
T HB 02	G 1/8" -28	11
T HB 04	G 1/4" -19	14
T HB 06	G 3/8" -19	19
T HB 08	G 1/2" -14	22
T HB 10	G 5/8" -14	22
T HB 12	G 3/4" -14	27
T HB 16	G 1" -11	33
T HB 20	G 1.1/4" -11	41
T HB 24	G 1.1/2" -11	48
T HB 32	G 2" -11	64

SW = Width across flats

Product versions:
T HB VA - Connection socket, T shaped, Stainless steel

T O HB**Screw-in socket, T shaped**

Connection 1: UN/UNF external threads
Sealing form 1: O-ring seal on screw-in socket
Connection 2 + 3: BSP cylindrical external threads
Sealing form 2 + 3:
3: 60° inner cone
Design: Adjustable direction screw-in socket
Construction: T shaped
Material: Steel
Surface: electro galvanised

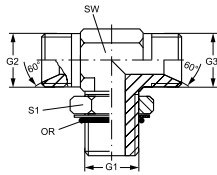


Identification	G1	G2 + G3	SW mm	S1	OR
T O 06 HB 04	9/16"-18 UNF	G 1/4" -19	14	17	11.90 x 1.98
T O 06 HB	9/16"-18 UNF	G 3/8" -19	14	17	11.90 x 1.98
T O 08 HB	3/4"-16 UNF	G 1/2" -14	19	22	16.36 x 2.20
T O 10 HB 12	7/8"-14 UNF	G 3/4" -14	22	27	19.18 x 2.46
T O 12 HB	1.1/16" -12 UN	G 3/4" -14	27	32	23.47 x 2.95
T O 16 HB 12	1.5/16" -12 UN	G 3/4" -14	33	38	29.74 x 2.95

SW, S1, S2 = With across flats

T HMO HB

Screw-in socket, T shaped



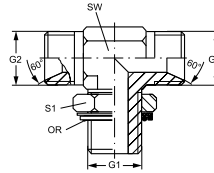
- Connection 1:** metric cylindrical outer thread
Sealing form 1: Shape F
Connection 2 + 3: BSP cylindrical external threads
Sealing form 2 + 3: 60° inner cone
Design: Adjustable direction screw-in socket
Construction: T shaped
Material: Steel
Surface: electro galvanised

Identification	G1	G2 + G3	SW mm	S1	OR
T HMO 12 HB 04	M 12 x 1.5	G 1/4" -19	13	18	9.3 x 2.4
T HMO 14 HB 04	M 14 x 1.5	G 1/4" -19	14	20	11.3 x 2.4
T HMO 14 HB 06	M 14 x 1.5	G 3/8" -19	19	20	11.3 x 2.4
T HMO 16 HB 06	M 16 x 1.5	G 3/8" -19	19	22	13.3 x 2.4
T HMO 18 HB 06	M 18 x 1.5	G 3/8" -19	19	24	15.3 x 2.4
T HMO 18 HB 08	M 18 x 1.5	G 1/2" -14	19	24	15.3 x 2.4
T HMO 22 HB 12	M 22 x 1.5	G 3/4" -14	27	28	19.3 x 2.4

SW, S1, S2 = With across flats

T HMOK HB**Screw-in socket, T shaped**

Connection 1: metric cylindrical outer thread
Sealing form 1: Thread socket with O-ring + spacer diaphragm ring
Connection 2 + 3: BSP cylindrical external threads
Sealing form 2 + 3: 60° inner cone
Design: Adjustable direction screw-in socket
Construction: T shaped
Material: Steel
Surface: electro galvanised

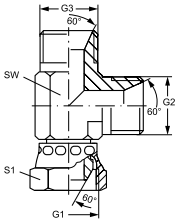


Identification	G1	G2 + G3	SW mm	S1	OR
T HMOK 12 HB 04	M 12 x 1.5	G 1/4" -19	13	18	9.3 x 2.4
T HMOK 14 HB 04	M 14 x 1.5	G 1/4" -19	14	20	11.3 x 2.4
T HMOK 14 HB 06	M 14 x 1.5	G 3/8" -19	14	20	11.3 x 2.4
T HMOK 16 HB 06	M 16 x 1.5	G 3/8" -19	19	22	13.3 x 2.4
T HMOK 18 HB 06	M 18 x 1.5	G 3/8" -19	19	24	15.3 x 2.4
T HMOK 18 HB 08	M 18 x 1.5	G 1/2" -14	19	24	15.3 x 2.4
T HMOK 22 HB 12	M 22 x 1.5	G 3/4" -14	22	28	19.3 x 2.4
T HMOK 26 HB 12	M 26 x 1.5	G 3/4" -14	32	28	23.5 x 2.6

SW, S1, S2 = With across flats

L AB HB

Screw-on socket, L shaped



- Connection 1: BSP nut thread
- Sealing form 1: 60° outer cone
- Connection 2 + 3: BSP cylindrical external threads
- Sealing form 2 + 3: 60° inner cone
- Design: Adjustable direction screw-on socket
- Construction: L shaped
- Material: Steel
- Surface: electro galvanised

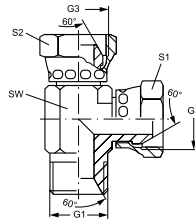
Identification	G1	G2 + G3	SW mm	S1
L AB 04 HB	G 1/4" -19	G 1/4" -19	14	19
L AB 06 HB	G 3/8" -19	G 3/8" -19	17	22
L AB 08 HB	G 1/2" -14	G 1/2" -14	22	27
L AB 10 HB	G 5/8" -14	G 5/8" -14	24	30
L AB 12 HB	G 3/4" -14	G 3/4" -14	27	32
L AB 16 HB	G 1" -11	G 1" -11	36	41
L AB 20 HB	G 1.1/4" -11	G 1.1/4" -11	46	50
L AB 24 HB	G 1.1/2" -11	G 1.1/2" -11	50	55
L AB 32 HB	G 2" -11	G 2" -11	60	70

SW, S1, S2 = With across flats

Product versions:
L AB HB VA - Screw-on socket, L shaped, Stainless steel

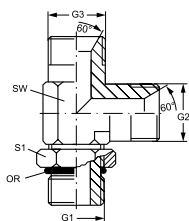
L HB AB**Screw-in socket, L shaped**

Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Connection 2 + 3: BSP nut thread
Sealing form 2 + 3: 60° outer cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	G2 + G3	SW mm	S1 + S2 mm
L HB 04 AB	G 1/4" -19	G 1/4" -19	14	19
L HB 06 AB	G 3/8" -19	G 3/8" -19	19	22
L HB 08 AB	G 1/2" -14	G 1/2" -14	22	27
L HB 12 AB	G 3/4" -14	G 3/4" -14	27	32
L HB 16 AB	G 1" -11	G 1" -11	33	38

SW, S1, S2 = With across flats

L HRO HB**Screw-in socket, L shaped**

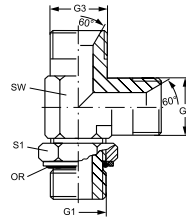
Connection 1: BSP external thread, cylindrical form G
Sealing form 1: BSP cylindrical external threads
Connection 2 + 3: BSP cylindrical external threads
Sealing form 2 + 3: 60° inner cone
Design: Screw-in sockets
Construction: L shaped
Material: Steel
Surface: electro galvanised

Identification	G1	G2 + G3	SW mm	S1	OR
L HRO 02 HB	G 1/8" -28	G 1/8" -28	11	16	7.65 x 1.78
L HRO 04 HB 02	G 1/4" -19	G 1/8" -28	14	20	10.78 x 2.62
L HRO 04 HB	G 1/4" -19	G 1/4" -19	14	20	10.78 x 2.62
L HRO 04 HB 06	G 1/4" -19	G 3/8" -19	19	20	10.78 x 2.62
L HRO 06 HB 04	G 3/8" -19	G 1/4" -19	19	24	13.94 x 2.62
L HRO 06 HB	G 3/8" -19	G 3/8" -19	19	24	13.94 x 2.62
L HRO 06 HB 08	G 3/8" -19	G 1/2" -14	22	24	13.94 x 2.62
L HRO 08 HB 06	G 1/2" -14	G 3/8" -19	22	28	17.86 x 2.62
L HRO 08 HB	G 1/2" -14	G 1/2" -14	22	28	17.86 x 2.62
L HRO 08 HB 10	G 1/2" -14	G 5/8" -14	22	28	17.86 x 2.62
L HRO 08 HB 12	G 1/2" -14	G 3/4" -14	27	28	17.86 x 2.62
L HRO 12 HB 08	G 3/4" -14	G 1/2" -14	27	35	23.47 x 2.62
L HRO 12 HB	G 3/4" -14	G 3/4" -14	27	35	23.47 x 2.62
L HRO 12 HB 16	G 3/4" -14	G 1" -11	33	35	23.47 x 2.62
L HRO 16 HB 12	G 1" -11	G 3/4" -14	33	43	29.74 x 3.53
L HRO 16 HB	G 1" -11	G 1" -11	33	43	29.74 x 3.53
L HRO 20 HB 16	G 1.1/4" -11	G 1" -11	41	52	37.69 x 3.53
L HRO 20 HB	G 1.1/4" -11	G 1.1/4" -11	41	52	37.69 x 3.53
L HRO 24 HB	G 1.1/2" -11	G 1.1/2" -11	48	58	44.04 x 3.53

SW = Width across flats

L HROK HB**Screw-in socket, L shaped**

Connection 1: BSP external thread, cylindrical
Sealing form 1: Thread socket with O-ring + spacer
 diaphragm ring
Connection 2 + 3: BSP cylindrical external threads
Sealing form 2 + 3: 60° inner cone
Design: Adjustable direction screw-in socket
Construction: L shaped
Material: Steel
Surface: electro galvanised

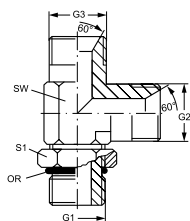


Identification	G1	G2 + G3	SW mm	S1	OR
L HROK 02 HB	G 1/8" -28	G 1/8" -28	11	16	7.65 x 1.78
L HROK 04 HB 02	G 1/4" -19	G 1/8" -28	14	20	10.78 x 2.62
L HROK 04 HB	G 1/4" -19	G 1/4" -19	14	20	10.78 x 2.62
L HROK 04 HB 06	G 1/4" -19	G 3/8" -19	19	20	10.78 x 2.62
L HROK 06 HB 04	G 3/8" -19	G 1/4" -19	19	24	13.94 x 2.62
L HROK 06 HB	G 3/8" -19	G 3/8" -19	19	24	13.94 x 2.62
L HROK 06 HB 08	G 3/8" -19	G 1/2" -14	22	24	13.94 x 2.62
L HROK 08 HB 06	G 1/2" -14	G 3/8" -19	22	28	17.86 x 2.62
L HROK 08 HB	G 1/2" -14	G 1/2" -14	22	28	17.86 x 2.62
L HROK 08 HB 10	G 1/2" -14	G 5/8" -14	22	28	17.86 x 2.62
L HROK 08 HB 12	G 1/2" -14	G 3/4" -14	27	28	17.86 x 2.62
L HROK 12 HB 08	G 3/4" -14	G 1/2" -14	27	35	23.47 x 2.62
L HROK 12 HB	G 3/4" -14	G 3/4" -14	27	35	23.47 x 2.62
L HROK 12 HB 16	G 3/4" -14	G 1" -11	33	35	23.47 x 2.62
L HROK 16 HB 12	G 1" -11	G 3/4" -14	33	43	29.74 x 3.53
L HROK 16 HB	G 1" -11	G 1" -11	33	45	29.74 x 3.53
L HROK 20 HB 16	G 1.1/4" -11	G 1" -11	41	52	37.69 x 3.53
L HROK 20 HB	G 1.1/4" -11	G 1.1/4" -11	41	52	37.69 x 3.53
L HROK 24 HB	G 1.1/2" -11	G 1.1/2" -11	48	58	44.04 x 3.53

SW, S1, S2 = With across flats

L HMO HB

Screw-in socket, L shaped

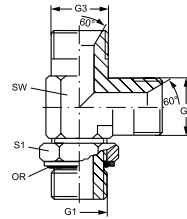


Connection 1: metric cylindrical outer thread
Sealing form 1: O-ring seal on screw-in socket
Connection 2 + 3: BSP cylindrical external threads
Sealing form 2 + 3: 60° inner cone
Design: Adjustable direction screw-in socket
Construction: L shaped
Material: Steel
Surface: electro galvanised

Identification	G1	G2 + G3	SW mm	S1	OR
L HMO 12 HB 02	M 12 x 1.5	G 1/8" -28	14	18	9.3 x 2.4
L HMO 12 HB 04	M 12 x 1.5	G 1/4" -19	14	18	9.3 x 2.4
L HMO 14 HB 04	M 14 x 1.5	G 1/4" -19	14	20	11.3 x 2.4
L HMO 14 HB 06	M 14 x 1.5	G 3/8" -19	19	20	11.3 x 2.4
L HMO 16 HB 04	M 16 x 1.5	G 1/4" -19	19	22	13.3 x 2.4
L HMO 16 HB 06	M 16 x 1.5	G 3/8" -19	19	22	13.3 x 2.4
L HMO 18 HB 06	M 18 x 1.5	G 3/8" -19	19	24	15.3 x 2.4
L HMO 18 HB 08	M 18 x 1.5	G 1/2" -14	19	24	15.3 x 2.4
L HMO 20 HB 08	M 20 x 1.5	G 1/2" -14	27	28	17.3 x 2.4
L HMO 22 HB 08	M 22 x 1.5	G 1/2" -14	22	28	19.3 x 2.4
L HMO 22 HB 12	M 22 x 1.5	G 3/4" -14	22	28	19.3 x 2.4
SW, S1, S2 = With across flats					

L HMOK HB**Screw-in socket, L shaped**

Connection 1: metric cylindrical outer thread
Sealing form 1: Thread socket with O-ring + spacer diaphragm ring
Connection 2 + 3: BSP cylindrical external threads
Sealing form 2 + 3: 60° inner cone
Design: Adjustable direction screw-in socket
Construction: L shaped
Material: Steel
Surface: electro galvanised

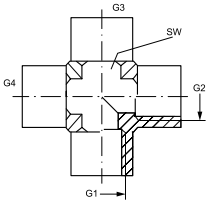


Identification	G1	G2 + G3	SW mm	S1	OR
L HMOK 12 HB 02	M 12 x 1.5	G 1/8" -28	13	18	9.3 x 2.4
L HMOK 12 HB 04	M 12 x 1.5	G 1/4" -19	14	18	9.3 x 2.4
L HMOK 14 HB 04	M 14 x 1.5	G 1/4" -19	14	20	11.3 x 2.4
L HMOK 14 HB 06	M 14 x 1.5	G 3/8" -19	19	20	11.3 x 2.4
L HMOK 16 HB 04	M 16 x 1.5	G 1/4" -19	19	22	13.3 x 2.4
L HMOK 16 HB 06	M 16 x 1.5	G 3/8" -19	19	22	13.3 x 2.4
L HMOK 18 HB 06	M 18 x 1.5	G 3/8" -19	22	24	15.3 x 2.4
L HMOK 18 HB 08	M 18 x 1.5	G 1/2" -14	22	24	15.3 x 2.4
L HMOK 20 HB 08	M 20 x 1.5	G 1/2" -14	22	28	17.3 x 2.4
L HMOK 22 HB 08	M 22 x 1.5	G 1/2" -14	22	28	19.3 x 2.4
L HMOK 22 HB 12	M 22 x 1.5	G 3/4" -14	27	28	19.3 x 2.4

SW, S1, S2 = With across flats

K IR

Connector, cross shaped



- Connection 1 - 4: BSP cylindrical internal threads
- Sealing form 1 - 4: Shape A
- Design: Screw-on socket
- Construction: K shaped
- Material: Steel
- Surface: electro galvanised

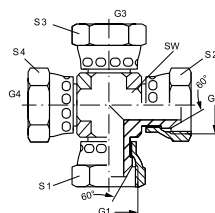
3

Identification	G1 - G4	SW mm
K IR 02	G 1/8" -28	14
K IR 04	G 1/4" -19	19
K IR 06	G 3/8" -19	22
K IR 08	G 1/2" -14	27
K IR 12	G 3/4" -14	33
K IR 16	G 1" -11	41

SW = Width across flats

K AB**Connector, cross shaped**

Connection 1 - 4: BSP nut thread
Sealing form 1 - 4: 60° outer cone
Design: Connectors
Construction: K shaped
Material: Steel
Surface: electro galvanised



Identification	G1 - G4	SW mm	S1 - S4 mm
K AB 02	G 1/8" -28	11	14
K AB 04	G 1/4" -19	14	19
K AB 06	G 3/8" -19	19	22
K AB 08	G 1/2" -14	22	27
K AB 10	G 5/8" -14	22	30
K AB 12	G 3/4" -14	27	32
K AB 16	G 1" -11	33	41
K AB 20	G 1.1/4" -11	41	50
K AB 24	G 1.1/2" -11	48	60
K AB 32	G 2" -11	64	70

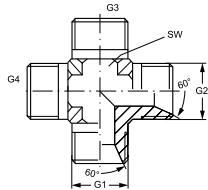
SW, S1, S2 = With across flats

Product versions:

K AB VA - Connector, cross shaped, Stainless steel

K HB

Connector, cross shaped



Connection 1 - 4: BSP cylindrical external threads
Sealing form 1 - 4: 60° inner cone
Design: Connectors
Construction: K shaped
Material: Steel
Surface: electro galvanised

Identification	G1 - G4	SW mm
K HB 02	G 1/8" -28	11
K HB 04	G 1/4" -19	14
K HB 06	G 3/8" -19	19
K HB 08	G 1/2" -14	22
K HB 10	G 5/8" -14	22
K HB 12	G 3/4" -14	27
K HB 16	G 1" -11	33
K HB 20	G 1.1/4" -11	41
K HB 24	G 1.1/2" -11	48
K HB 32	G 2" -11	64

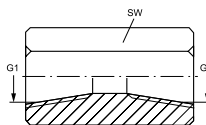
SW = Width across flats

Product versions:

K HB VA - Connector, cross shaped, Stainless steel

GIN**Connection sockets**

Connection 1: NPT internal thread
Sealing form 1: thread seal
Connection 2: NPT internal thread
Sealing form 2: thread seal
Design: Connection sockets
Construction: straight
Material: Steel

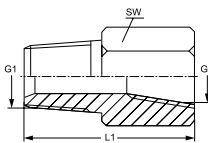


Identification	G1	G2	SW mm
G IN 02	1/8" -27 NPT	1/8" -27 NPT	16
G 04 IN 02	1/4" -18 NPT	1/8" -27 NPT	19
G IN 04	1/4" -18 NPT	1/4" -18 NPT	19
G 06 IN 04	3/8" -18 NPT	1/4" -18 NPT	22
G IN 06	3/8" -18 NPT	3/8" -18 NPT	22
G 08 IN 04	1/2" -14 NPT	1/4" -18 NPT	29
G 08 IN 06	1/2" -14 NPT	3/8" -18 NPT	29
G IN 08	1/2" -14 NPT	1/2" -14 NPT	30
G 12 IN 08	3/4" -14 NPT	1/2" -14 NPT	36
G IN 12	3/4" -14 NPT	3/4" -14 NPT	36
G 16 IN 12	1" -11.5 NPT	3/4" -14 NPT	46
G IN 16	1" -11.5 NPT	1" -11.5 NPT	46
G IN 20	1.1/4" -11.5 NPT	1.1/4" -11.5 NPT	51
G IN 24	1.1/2" -11.5 NPT	1.1/2" -11.5 NPT	60
G IN 32	2" -11.5 NPT	2" -11.5 NPT	73

SW = Width across flats

Product versions:

G IN VA - Connection sockets, Stainless steel

G HN IN**Connection sockets**

Connection 1: NPT external threads
Sealing form 1: thread seal
Connection 2: NPT internal thread
Sealing form 2: thread seal
Design: Connection sockets
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm
G HN 02 IN	1/8" -27 NPT	1/8" -27 NPT	16
G HN 02 IN 04	1/8" -27 NPT	1/4" -18 NPT	19
G HN 02 IN 06	1/8" -27 NPT	3/8" -18 NPT	22
G HN 02 IN 08	1/8" -27 NPT	1/2" -14 NPT	29
G HN 04 IN 02	1/4" -18 NPT	1/8" -27 NPT	19
G HN 04 IN	1/4" -18 NPT	1/4" -18 NPT	19
G HN 04 IN 06	1/4" -18 NPT	3/8" -18 NPT	22
G HN 04 IN 08	1/4" -18 NPT	1/2" -14 NPT	29
G HN 04 IN 12	1/4" -18 NPT	3/4" -14 NPT	35
G HN 06 IN 02	3/8" -18 NPT	1/8" -27 NPT	22
G HN 06 IN 04	3/8" -18 NPT	1/4" -18 NPT	22
G HN 06 IN	3/8" -18 NPT	3/8" -18 NPT	22
G HN 06 IN 08	3/8" -18 NPT	1/2" -14 NPT	29
G HN 08 IN 02	1/2" -14 NPT	1/8" -27 NPT	29
G HN 08 IN 04	1/2" -14 NPT	1/4" -18 NPT	29
G HN 08 IN 06	1/2" -14 NPT	3/8" -18 NPT	29
G HN 08 IN	1/2" -14 NPT	1/2" -14 NPT	29
G HN 08 IN 12	1/2" -14 NPT	3/4" -14 NPT	35
G HN 08 IN 16	1/2" -14 NPT	1" -11.5 NPT	41
G HN 12 IN 04	3/4" -14 NPT	1/4" -18 NPT	35
G HN 12 IN 06	3/4" -14 NPT	3/8" -18 NPT	35
G HN 12 IN 08	3/4" -14 NPT	1/2" -14 NPT	35
G HN 12 IN	3/4" -14 NPT	3/4" -14 NPT	35
G HN 12 IN 16	3/4" -14 NPT	1" -11.5 NPT	41
G HN 12 IN 20	3/4" -14 NPT	1.1/4" -11.5 NPT	51
G HN 16 IN 04	1" -11.5 NPT	1/4" -18 NPT	42
G HN 16 IN 06	1" -11.5 NPT	3/8" -18 NPT	42
G HN 16 IN 08	1" -11.5 NPT	1/2" -14 NPT	42
G HN 16 IN 12	1" -11.5 NPT	3/4" -14 NPT	42
G HN 16 IN 20	1" -11.5 NPT	1.1/4" -11.5 NPT	48
G HN 20 IN 08	1.1/4" -11.5 NPT	1/2" -14 NPT	64
G HN 20 IN 12	1.1/4" -11.5 NPT	3/4" -14 NPT	51
G HN 20 IN 16	1.1/4" -11.5 NPT	1" -11.5 NPT	51
G HN 20 IN 24	1.1/4" -11.5 NPT	1.1/2" -11.5 NPT	64
G HN 24 IN 16	1.1/2" -11.5 NPT	1" -11.5 NPT	64
G HN 24 IN 20	1.1/2" -11.5 NPT	1.1/4" -11.5 NPT	64
G HN 24 IN 12	1.1/2" -11.5 NPT	3/4" -14 NPT	64
G HN 32 IN 16	2" -11.5 NPT	1" -11.5 NPT	64
G HN 32 IN 20	2" -11.5 NPT	1.1/4" -11.5 NPT	64

SW = Width across flats

G HN IN

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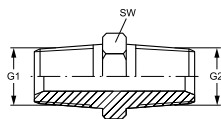
Connection sockets

Identification	G1	G2	SW mm
G HN 32 IN 24	2" -11.5 NPT	1.1/2" -11.5 NPT	64
SW = Width across flats			

Product versions:**G HN IN VA** - Connection sockets, Stainless steel

G HN

Connection sockets



Connection 1: NPT external threads
Sealing form 1: thread seal
Connection 2: NPT external threads
Sealing form 2: thread seal
Design: Connection sockets
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm
G HN 02	1/8" -27 NPT	1/8" -27 NPT	11
G 04 HN 02	1/4" -18 NPT	1/8" -27 NPT	14
G HN 04	1/4" -18 NPT	1/4" -18 NPT	14
G 06 HN 02	3/8" -18 NPT	1/8" -27 NPT	19
G 06 HN 04	3/8" -18 NPT	1/4" -18 NPT	19
G HN 06	3/8" -18 NPT	3/8" -18 NPT	19
G 08 HN 04	1/2" -14 NPT	1/4" -18 NPT	22
G 08 HN 06	1/2" -14 NPT	3/8" -18 NPT	22
G HN 08	1/2" -14 NPT	1/2" -14 NPT	22
G 12 HN 04	3/4" -14 NPT	1/4" -18 NPT	27
G 12 HN 06	3/4" -14 NPT	3/8" -18 NPT	27
G 12 HN 08	3/4" -14 NPT	1/2" -14 NPT	27
G HN 12	3/4" -14 NPT	3/4" -14 NPT	27
G 12 HN 16	3/4" -14 NPT	1" -11.5 NPT	36
G 16 HN 08	1" -11.5 NPT	1/2" -14 NPT	36
G HN 16	1" -11.5 NPT	1" -11.5 NPT	36
G 20 HN 16	1.1/4" -11.5 NPT	1" -11.5 NPT	46
G HN 20	1.1/4" -11.5 NPT	1.1/4" -11.5 NPT	46
G 24 HN 08	1.1/2" -11.5 NPT	1/2" -14 NPT	50
G 24 HN 16	1.1/2" -11.5 NPT	1" -11.5 NPT	50
G 24 HN 20	1.1/2" -11.5 NPT	1.1/4" -11.5 NPT	50
G HN 24	1.1/2" -11.5 NPT	1.1/2" -11.5 NPT	50
G 32 HN 24	2" -11.5 NPT	1.1/2" -11.5 NPT	65
G HN 32	2" -11.5 NPT	2" -11.5 NPT	65
G HN 40	2.1/2" -8 NPT	2.1/2" -8 NPT	70

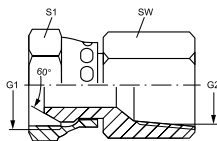
SW = Width across flats

Product versions:

G HN VA - Connection sockets, Stainless steel

G AN IN**Screw-on socket**

Connection 1: NPT nut thread (NPSM)
Sealing form 1: 60° outer cone
Connection 2: NPT internal thread
Sealing form 2: thread seal
Design: Screw-on socket
Construction: straight
Material: Steel
Surface: electro galvanised

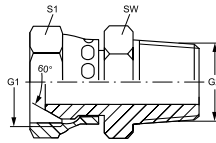


Identification	G1	G2	SW mm	S1
G AN 02 IN	1/8" -27 NPT	1/8" -27 NPT	14	14
G AN 04 IN	1/4" -18 NPT	1/4" -18 NPT	18	18
G AN 06 IN	3/8" -18 NPT	3/8" -18 NPT	22	22
G AN 06 IN 04	3/8" -18 NPT	1/4" -18 NPT	22	22
G AN 08 IN 06	1/2" -14 NPT	3/8" -18 NPT	25	22
G AN 08 IN	1/2" -14 NPT	1/2" -14 NPT	25	25
G AN 08 IN 12	1/2" -14 NPT	3/4" -14 NPT	32	25
G AN 12 IN	3/4" -14 NPT	3/4" -14 NPT	32	32
G AN 16 IN	1" -11.5 NPT	1" -11.5 NPT	38	38
G AN 20 IN	1.1/4" -11.5 NPT	1.1/4" -11.5 NPT	48	48
G AN 24 IN	1.1/2" -11.5 NPT	1.1/2" -11.5 NPT	54	54
G AN 32 IN	2" -11.5 NPT	2" -11.5 NPT	67	67

SW, S1, S2 = With across flats

G AN HN

Screw-in sockets



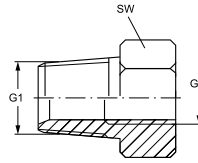
Connection 1: NPT nut thread (NPSM)
Sealing form 1: 60° outer cone
Connection 2: NPT external threads
Sealing form 2: thread seal
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	G2	SW mm	S1
G AN 02 HN	1/8" -27 NPT	1/8" -27 NPT	14	14
G AN 04 HN	1/4" -18 NPT	1/4" -18 NPT	18	18
G AN 04 HN 02	1/4" -18 NPT	1/8" -27 NPT	16	18
G AN 04 HN 06	1/4" -18 NPT	3/8" -18 NPT	18	18
G AN 06 HN	3/8" -18 NPT	3/8" -18 NPT	22	22
G AN 06 HN 04	3/8" -18 NPT	1/4" -18 NPT	21	22
G AN 06 HN 08	3/8" -18 NPT	1/2" -14 NPT	22	22
G AN 08 HN	1/2" -14 NPT	1/2" -14 NPT	25	25
G AN 08 HN 04	1/2" -14 NPT	1/4" -18 NPT	24	25
G AN 08 HN 06	1/2" -14 NPT	3/8" -18 NPT	24	25
G AN 08 HN 12	1/2" -14 NPT	3/4" -14 NPT	29	25
G AN 12 HN	3/4" -14 NPT	3/4" -14 NPT	32	32
G AN 12 HN 08	3/4" -14 NPT	1/2" -14 NPT	32	32
G AN 12 HN 16	3/4" -14 NPT	1" -11.5 NPT	35	38
G AN 16 HN	1" -11.5 NPT	1" -11.5 NPT	38	38
G AN 16 HN 12	1" -11.5 NPT	3/4" -14 NPT	38	38
G AN 20 HN	1.1/4" -11.5 NPT	1.1/4" -11.5 NPT	48	48
G AN 24 HN 16	1.1/2" -11.5 NPT	1" -11.5 NPT	45	54
G AN 24 HN	1.1/2" -11.5 NPT	1.1/2" -11.5 NPT	54	54
G AN 32 HN	2" -11.5 NPT	2" -11.5 NPT	67	67

SW, S1, S2 = With across flats

GE HN IR VA**Screw-in sockets**

Connection 1: NPT external threads
Sealing form 1: thread seal
Connection 2: BSP cylindrical internal threads
Sealing form 2: Flat seal
Design: Screw-in sockets
Construction: straight
Material: Stainless steel

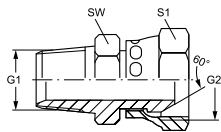


Identification	G1	G2	SW mm
GE HN 02 IR VA	1/8" -27 NPT	G 1/8" -28	14
GE HN 02 IR 04 VA	1/8" -27 NPT	G 1/4" -19	19
GE HN 04 IR 02 VA	1/4" -18 NPT	G 1/8" -28	14
GE HN 04 IR VA	1/4" -18 NPT	G 1/4" -19	19
GE HN 04 IR 06 VA	1/4" -18 NPT	G 3/8" -19	24
GE HN 04 IR 08 VA	1/4" -18 NPT	G 1/2" -14	27
GE HN 06 IR 04 VA	3/8" -18 NPT	G 1/4" -19	19
GE HN 06 IR VA	3/8" -18 NPT	G 3/8" -19	24
GE HN 06 IR 08 VA	3/8" -18 NPT	G 1/2" -14	27
GE HN 08 IR 04 VA	1/2" -14 NPT	G 1/4" -19	24
GE HN 08 IR 06 VA	1/2" -14 NPT	G 3/8" -19	24
GE HN 08 IR VA	1/2" -14 NPT	G 1/2" -14	27
GE HN 08 IR 12 VA	1/2" -14 NPT	G 3/4" -14	32
GE HN 12 IR 06 VA	3/4" -14 NPT	G 3/8" -19	27
GE HN 12 IR 08 VA	3/4" -14 NPT	G 1/2" -14	27
GE HN 12 IR VA	3/4" -14 NPT	G 3/4" -14	32
GE HN 12 IR 16 VA	3/4" -14 NPT	G 1" -11	41
GE HN 16 IR 08 VA	1" -11.5 NPT	G 1/2" -14	36
GE HN 16 IR 12VA	1" -11.5 NPT	G 3/4" -14	36
GE HN 16 IR VA	1" -11.5 NPT	G 1" -11	41
GE HN 20 IR VA	1.1/4" -11.5 NPT	G 1.1/4" -11	55
GE HN 24 IR VA	1.1/2" -11.5 NPT	G 1.1/2" -11	55

SW = Width across flats

GE HN AB

Screw-in sockets



- Connection 1: NPT external threads
- Sealing form 1: thread seal
- Connection 2: BSP nut thread
- Sealing form 2: 60° inner cone
- Design: Screw-in sockets
- Construction: straight
- Material: Steel
- Surface: electro galvanised

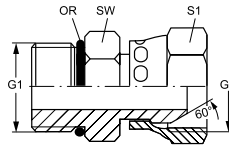
Identification	G1	G2	SW mm	S1
GE HN 04 AB	1/4" -18 NPT	G 1/4" -19	16	19
GE HN 04 AB 06	1/4" -18 NPT	G 3/8" -19	18	22
GE HN 06 AB 04	3/8" -18 NPT	G 1/4" -19	21	19
GE HN 06 AB	3/8" -18 NPT	G 3/8" -19	22	22
GE HN 06 AB 08	3/8" -18 NPT	G 1/2" -14	25	22
GE HN 08 AB 06	1/2" -14 NPT	G 3/8" -19	22	22
GE HN 08 AB	1/2" -14 NPT	G 1/2" -14	25	27
GE HN 08 AB 10	1/2" -14 NPT	G 5/8" -14	27	30
GE HN 12 AB 08	3/4" -14 NPT	G 1/2" -14	33	27
GE HN 12 AB	3/4" -14 NPT	G 3/4" -14	33	32
GE HN 16 AB	1" -11.5 NPT	G 1" -11	38	41
GE HN 16 AB 12	1" -11.5 NPT	G 3/4" -14	35	32

SW, S1, S2 = With across flats

Product versions:
GE HN AB VA - Screw-in sockets, Stainless steel

GEO AN**Screw-in sockets**

Connection 1: UN/UNF external threads
Sealing form 1: O-ring seal on screw-in socket
Connection 2: NPSM nut thread
Sealing form 2: 60° outer cone
Design: Screw-in sockets
Construction: straight
Material: Steel
Surface: electro galvanised

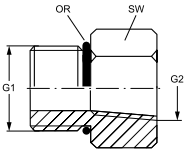


Identification	G1	G2	SW mm	S1	OR
GEO 04 AN	7/16"-20 UNF	1/4" -18 NPT	14	18	8.92 x 1.83
GEO 06 AN	9/16"-18 UNF	3/8" -18 NPT	18	22	11.90 x 1.98
GEO 06 AN 08	9/16"-18 UNF	1/2" -14 NPT	19	25	11.90 x 1.98
GEO 08 AN	3/4"-16 UNF	1/2" -14 NPT	22	25	16.36 x 2.20
GEO 08 AN 12	3/4"-16 UNF	3/4" -14 NPT	25	32	16.36 x 2.20
GEO 10 AN 06	7/8"-14 UNF	3/8" -18 NPT	22	25	19.18 x 2.46
GEO 10 AN 08	7/8"-14 UNF	1/2" -14 NPT	25	25	19.18 x 2.46
GEO 12 AN 08	1.1/16" -12 UN	1/2" -14 NPT	32	25	23.47 x 2.95
GEO 12 AN	1.1/16" -12 UN	3/4" -14 NPT	32	32	23.47 x 2.95
GEO 16 AN	1.5/16" -12 UN	1" -11.5 NPT	38	38	29.74 x 2.95

SW, S1, S2 = With across flats

GE O IN

Screw-on fitting



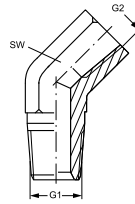
- Connection 1: UN/UNF external threads
- Sealing form 1: O-ring seal on screw-in socket
- Connection 2: NPT internal thread
- Sealing form 2: thread seal
- Design: Screw-on fitting
- Construction: straight
- Material: Steel
- Surface: electro galvanised

Identification	G1	G2	SW mm	OR
GE O 06 IN 04	9/16"-18 UNF	1/4" -18 NPT	19	11.90 x 1.98
GE O 08 IN 04	3/4"-16 UNF	1/4" -18 NPT	22	16.36 x 2.20
GE O 08 IN 06	3/4"-16 UNF	3/8" -18 NPT	22	16.36 x 2.20
GE O 08 IN	3/4"-16 UNF	1/2" -14 NPT	29	16.36 x 2.20
GE O 10 IN 04	7/8"-14 UNF	1/4" -18 NPT	25	19.18 x 2.46
GE O 10 IN 06	7/8"-14 UNF	3/8" -18 NPT	25	19.18 x 2.46
GE O 10 IN 08	7/8"-14 UNF	1/2" -14 NPT	29	19.18 x 2.46
GE O 12 IN 08	1.1/16" -12 UN	1/2" -14 NPT	32	23.47 x 2.95
GE O 12 IN	1.1/16" -12 UN	3/4" -14 NPT	35	23.47 x 2.95

SW = Width across flats

W45 HN IN**Screw-in socket, angle 45°**

Connection 1: NPT external threads
Sealing form 1: thread seal
Connection 2: NPT internal thread
Sealing form 2: thread seal
Design: Screw-in sockets
Construction: Angle 45°
Material: Steel
Surface: electro galvanised



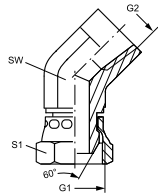
Identification	G1 + G2	SW mm
W45 HN 02 IN	1/8" -27 NPT	14
W45 HN 04 IN	1/4" -18 NPT	19
W45 HN 06 IN	3/8" -18 NPT	22
W45 HN 08 IN	1/2" -14 NPT	27
W45 HN 12 IN	3/4" -14 NPT	33
W45 HN 16 IN	1" -11.5 NPT	41
W45 HN 20 IN	1.1/4" -11.5 NPT	48
W45 HN 24 IN	1.1/2" -11.5 NPT	64
SW = Width across flats		

Product versions:

W45 HN IN VA - Screw-in socket, angle 45°, Stainless steel

W45 AN IN

Screw-on socket, angle 45°

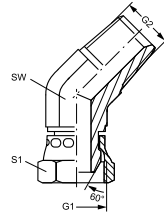


- Connection 1: NPT nut thread (NPSM)
- Sealing form 1: 60° inner cone
- Connection 2: NPT internal thread
- Sealing form 2: thread seal
- Design: Screw-on socket
- Construction: Angle 45°
- Material: Steel
- Surface: electro galvanised

Identification	G1 + G2	SW mm	S1
W45 AN 02 IN	1/8" -27 NPT	14	14
W45 AN 04 IN	1/4" -18 NPT	19	19
W45 AN 06 IN	3/8" -18 NPT	22	22
W45 AN 08 IN	1/2" -14 NPT	27	25
W45 AN 12 IN	3/4" -14 NPT	33	32
W45 AN 16 IN	1" -11.5 NPT	41	38
W45 AN 20 IN	1.1/4" -11.5 NPT	48	48
W45 AN 24 IN	1.1/2" -11.5 NPT	64	54
SW, S1, S2 = With across flats			

W45 AN HN**Screw-in socket, angle 45°**

Connection 1: NPT nut thread (NPSM)
Sealing form 1: 60° outer cone
Connection 2: NPT external threads
Sealing form 2: thread seal
Design: Screw-in sockets
Construction: Angle 45°
Material: Steel
Surface: electro galvanised

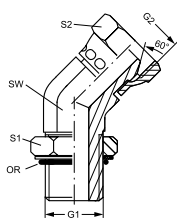


Identification	G1	G2	SW mm	S1
W45 AN 02 HN	1/8" -27 NPT	1/8" -27 NPT	11	14
W45 AN 04 HN	1/4" -18 NPT	1/4" -18 NPT	14	18
W45 AN 06 HN	3/8" -18 NPT	3/8" -18 NPT	19	22
W45 AN 06 HN 08	3/8" -18 NPT	1/2" -14 NPT	22	22
W45 AN 08 HN	1/2" -14 NPT	1/2" -14 NPT	22	25
W45 AN 08 HN 12	1/2" -14 NPT	3/4" -14 NPT	27	25
W45 AN 12 HN	3/4" -14 NPT	3/4" -14 NPT	27	32
W45 AN 12 HN 16	3/4" -14 NPT	1" -11.5 NPT	33	32
W45 AN 16 HN 12	1" -11.5 NPT	3/4" -14 NPT	33	38
W45 AN 16 HN	1" -11.5 NPT	1" -11.5 NPT	33	38
W45 AN 20 HN	1.1/4" -11.5 NPT	1.1/4" -11.5 NPT	41	48
W45 AN 24 HN	1.1/2" -11.5 NPT	1.1/2" -11.5 NPT	48	54
W45 AN 32 HN	2" -11.5 NPT	2" -11.5 NPT	64	67

SW, S1, S2 = With across flats

W45 O AN

Screw-in socket, angle 45°



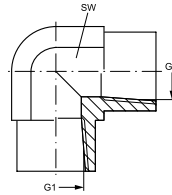
- Connection 1: UN/UNF external threads
- Sealing form 1: O-ring seal on screw-in socket
- Connection 2: NPSM nut thread
- Sealing form 2: 60° outer cone
- Design: Adjustable direction screw-in socket
- Construction: Angle 45°
- Material: Steel
- Surface: electro galvanised

Identification	G1	G2	SW mm	S1	S2	OR
W45 O 04 AN	7/16"-20 UNF	1/4" -18 NPT	11	14	18	8.92 x 1.83
W45 O 06 AN 04	9/16"-18 UNF	1/4" -18 NPT	14	22	14	11.90 x 1.98
W45 O 06 AN	9/16"-18 UNF	3/8" -18 NPT	14	18	22	11.90 x 1.98
W45 O 08 AN 06	3/4"-16 UNF	3/8" -18 NPT	19	22	22	16.36 x 2.20
W45 O 08 AN	3/4"-16 UNF	1/2" -14 NPT	19	22	25	16.36 x 2.20
W45 O 08 AN 12	3/4"-16 UNF	3/4" -14 NPT	19	22	32	16.36 x 2.20
W45 O 10 AN 08	7/8"-14 UNF	1/2" -14 NPT	22	25	25	19.18 x 2.46
W45 O 12 AN	1.1/16"-12 UN	3/4" -14 NPT	27	32	32	23.47 x 2.95

SW, S1, S2 = With across flats

W90 IN**Screw-on socket, IGN angle 90°**

Connection 1: NPT internal thread
Sealing form 1: thread seal
Connection 2: NPT internal thread
Sealing form 2: thread seal
Design: Screw-on socket
Construction: Angle 90°
Material: Steel
Surface: electro galvanised



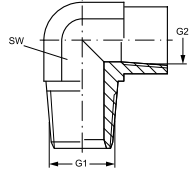
Identification	G1 + G2	SW mm
W90 IN 02	1/8" -27 NPT	14
W90 IN 04	1/4" -18 NPT	19
W90 IN 06	3/8" -18 NPT	22
W90 IN 08	1/2" -14 NPT	27
W90 IN 12	3/4" -14 NPT	41
W90 IN 16	1" -11.5 NPT	48
W90 IN 20	1.1/4" -11.5 NPT	48
W90 IN 24	1.1/2" -11.5 NPT	64
W90 IN 32	2" -11.5 NPT	64
SW = Width across flats		

Product versions:

W90 IN VA - Screw-on socket, IGN angle 90°, Stainless steel

W90 HN IN

Screw-in socket, angle 90°



- Connection 1: NPT external threads
- Sealing form 1: thread seal
- Connection 2: NPT internal thread
- Sealing form 2: thread seal
- Design: Screw-in sockets
- Construction: Angle 90°
- Material: Steel
- Surface: electro galvanised

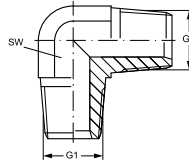
Identification	G1	G2	SW mm
W90 HN 02 IN	1/8" -27 NPT	1/8" -27 NPT	14
W90 HN 04 IN 02	1/4" -18 NPT	1/8" -27 NPT	14
W90 HN 04 IN	1/4" -18 NPT	1/4" -18 NPT	19
W90 HN 06 IN	3/8" -18 NPT	3/8" -18 NPT	22
W90 HN 08 IN	1/2" -14 NPT	1/2" -14 NPT	27
W90 HN 12 IN 08	3/4" -14 NPT	1/2" -14 NPT	27
W90 HN 12 IN	3/4" -14 NPT	3/4" -14 NPT	33
W90 HN 16 IN	1" -11.5 NPT	1" -11.5 NPT	41

SW = Width across flats

Product versions:
W90 HN IN VA - Screw-in socket, angle 90°, Stainless steel

W90 HN**Screw-in socket, angle 90°**

Connection 1: NPT external threads
Sealing form 1: thread seal
Connection 2: NPT external threads
Sealing form 2: thread seal
Design: Screw-in sockets
Construction: Angle 90°
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm
W90 HN 02	1/8" -27 NPT	1/8" -27 NPT	11
W90 HN 04	1/4" -18 NPT	1/4" -18 NPT	14
W90 HN 06 HN 04	3/8" -18 NPT	1/4" -18 NPT	19
W90 HN 06	3/8" -18 NPT	3/8" -18 NPT	19
W90 HN 08	1/2" -14 NPT	1/2" -14 NPT	22
W90 HN 12	3/4" -14 NPT	3/4" -14 NPT	27
W90 HN 16	1" -11.5 NPT	1" -11.5 NPT	41
W90 HN 20	1.1/4" -11.5 NPT	1.1/4" -11.5 NPT	48
W90 HN 24	1.1/2" -11.5 NPT	1.1/2" -11.5 NPT	48
W90 HN 32	2" -11.5 NPT	2" -11.5 NPT	50

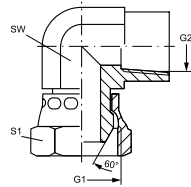
SW = Width across flats

Product versions:

W90 HN VA - Screw-in socket, angle 90°, Stainless steel

W90 AN IN

Connection socket, angle 90°

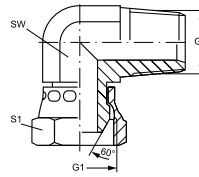


- Connection 1: NPT nut thread (NPSM)
- Sealing form 1: 60° outer cone
- Connection 2: NPT internal thread
- Sealing form 2: thread seal
- Design: Connection sockets
- Construction: Angle 90°
- Material: Steel
- Surface: electro galvanised

Identification	G1 + G2	SW mm	S1
W90 AN 02 IN	1/8" -27 NPT	14	14
W90 AN 04 IN	1/4" -18 NPT	19	18
W90 AN 06 IN	3/8" -18 NPT	22	22
W90 AN 08 IN	1/2" -14 NPT	27	25
W90 AN 12 IN	3/4" -14 NPT	33	32
W90 AN 16 IN	1" -11.5 NPT	41	38
W90 AN 20 IN	1.1/4" -11.5 NPT	48	48
W90 AN 24 IN	1.1/2" -11.5 NPT	64	54
SW, S1, S2 = With across flats			

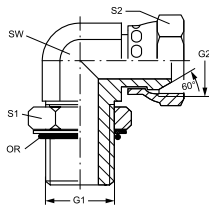
W90 AN HN**Screw-in socket, angle 90°**

Connection 1: NPT nut thread (NPSM)
Sealing form 1: 60° outer cone
Connection 2: NPT external threads
Sealing form 2: thread seal
Design: Screw-in sockets
Construction: Angle 90°
Material: Steel
Surface: electro galvanised



Identification	G1	G2	SW mm	S1
W90 AN 02 HN	1/8" -27 NPT	1/8" -27 NPT	11	14
W90 AN 04 HN 02	1/4" -18 NPT	1/8" -27 NPT	14	18
W90 AN 04 HN	1/4" -18 NPT	1/4" -18 NPT	14	18
W90 AN 04 HN 06	1/4" -18 NPT	3/8" -18 NPT	19	18
W90 AN 04 HN 08	1/4" -18 NPT	1/2" -14 NPT	19	18
W90 AN 06 HN 04	3/8" -18 NPT	1/4" -18 NPT	19	22
W90 AN 06 HN	3/8" -18 NPT	3/8" -18 NPT	19	22
W90 AN 06 HN 08	3/8" -18 NPT	1/2" -14 NPT	22	22
W90 AN 06 HN 12	3/8" -18 NPT	3/4" -14 NPT	25	22
W90 AN 08 HN 06	1/2" -14 NPT	3/8" -18 NPT	22	25
W90 AN 08 HN	1/2" -14 NPT	1/2" -14 NPT	22	25
W90 AN 08 HN 12	1/2" -14 NPT	3/4" -14 NPT	27	25
W90 AN 12 HN 08	3/4" -14 NPT	1/2" -14 NPT	27	32
W90 AN 12 HN	3/4" -14 NPT	3/4" -14 NPT	27	32
W90 AN 12 HN 16	3/4" -14 NPT	1" -11.5 NPT	33	32
W90 AN 16 HN 12	1" -11.5 NPT	3/4" -14 NPT	33	38
W90 AN 16 HN	1" -11.5 NPT	1" -11.5 NPT	33	38
W90 AN 20 HN	1.1/4" -11.5 NPT	1.1/4" -11.5 NPT	41	48
W90 AN 20 HN 24	1.1/4" -11.5 NPT	1.1/2" -11.5 NPT	48	48
W90 AN 24 HN	1.1/2" -11.5 NPT	1.1/2" -11.5 NPT	48	54
W90 AN 32 HN	2" -11.5 NPT	2" -11.5 NPT	64	67

SW, S1, S2 = With across flats

W90 O AN**Screw-in socket, DKN, angle 90°****Connection 1:**

UN/UNF external threads

Sealing form 1:

O-ring seal on screw-in socket

Connection 2:

NPSM nut thread

Sealing form 2:

60° outer cone

Design:

Adjustable direction screw-in socket

Construction:

Angle 90°

Material:

Steel

Surface:

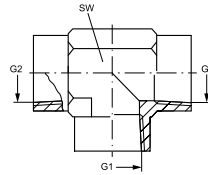
electro galvanised

Identification	G1	G2	SW mm	S1	S2	OR
W90 O 04 AN	7/16"-20 UNF	1/4" -18 NPT	11	14	18	8.92 x 1.83
W90 O 06 AN 04	9/16"-18 UNF	1/4" -18 NPT	14	18	18	11.90 x 1.98
W90 O 06 AN	9/16"-18 UNF	3/8" -18 NPT	14	18	25	11.90 x 1.98
W90 O 08 AN	3/4"-16 UNF	1/2" -14 NPT	19	22	25	16.36 x 2.20
W90 O 08 AN 12	3/4"-16 UNF	3/4" -14 NPT	19	22	32	16.36 x 2.20
W90 O 10 AN 06	7/8"-14 UNF	3/8" -18 NPT	22	25	22	19.18 x 2.46
W90 O 10 AN 08	7/8"-14 UNF	1/2" -14 NPT	22	25	25	19.18 x 2.46
W90 O 10 AN 12	7/8"-14 UNF	3/4" -14 NPT	22	25	32	19.18 x 2.46
W90 O 12 AN 08	1.1/16"-12 UN	1/2" -14 NPT	27	32	25	23.47 x 2.95
W90 O 12 AN	1.1/16"-12 UN	3/4" -14 NPT	27	32	32	23.47 x 2.95
W90 O 16 AN	1.5/16"-12 UN	1" -11.5 NPT	33	38	38	29.74 x 2.95

SW, S1, S2 = With across flats

T IN**Screw-on socket, T shaped**

Connection 1 - 3: NPT internal thread
Sealing form 1 - 3: thread seal
Design: Screw-on socket
Construction: T shaped
Material: Steel
Surface: electro galvanised



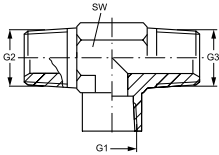
Identification	G1 - G3	SW mm
T IN 02	1/8" -27 NPT	14
T IN 04	1/4" -18 NPT	19
T IN 06	3/8" -18 NPT	22
T IN 08	1/2" -14 NPT	27
T IN 12	3/4" -14 NPT	33
T IN 16	1" -11.5 NPT	41
T IN 20	1.1/4" -11.5 NPT	48
T IN 24	1.1/2" -11.5 NPT	64
SW = Width across flats		

Product versions:

T IN VA - Screw-on socket, T shaped, Stainless steel

T IN HN

Screw-on socket, T shaped



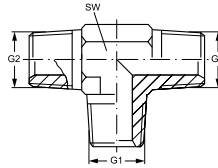
- Connection 1: NPT internal thread
- Sealing form 1: thread seal
- Connection 2 + 3: NPT external threads
- Sealing form 2 + 3: thread seal
- Design: Screw-in sockets
- Construction: T shaped
- Material: Steel
- Surface: electro galvanised

Identification	G1	G2 + G3	SW mm
T IN 02 HN	1/8" -27 NPT	1/8" -27 NPT	14
T IN 04 HN	1/4" -18 NPT	1/4" -18 NPT	19
T IN 06 HN	3/8" -18 NPT	3/8" -18 NPT	22
T IN 08 HN	1/2" -14 NPT	1/2" -14 NPT	27
T IN 12 HN	3/4" -14 NPT	3/4" -14 NPT	33
T IN 16 HN	1" -11.5 NPT	1" -11.5 NPT	41
T IN 20 HN	1.1/4" -11.5 NPT	1.1/4" -11.5 NPT	48

SW = Width across flats

T HN**Screw-in socket, T shaped**

Connection 1 - 3: NPT external threads
Sealing form 1 - 3: thread seal
Design: Screw-in sockets
Construction: T shaped
Material: Steel
Surface: electro galvanised



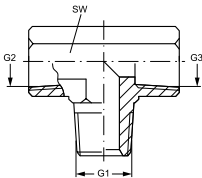
Identification	G1 - G3	SW mm
T HN 02	1/8" -27 NPT	11
T HN 04	1/4" -18 NPT	14
T HN 06	3/8" -18 NPT	19
T HN 08	1/2" -14 NPT	22
T HN 12	3/4" -14 NPT	27
T HN 16	1" -11.5 NPT	41
T HN 20	1.1/4" -11.5 NPT	48
SW = Width across flats		

Product versions:

T HN VA - Screw-in socket, T shaped, Stainless steel

T HN IN

Screw-in socket, T shaped



- Connection 1:**

Sealing form 1:

Connection 2 + 3:

Sealing form 2 + 3:

Design:

Construction:

Material:

Surface:
- NPT external threads

thread seal

NPT internal thread

thread seal

Screw-in sockets

T shaped

Steel

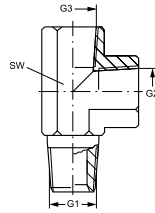
electro galvanised

Identification	G1	G2 + G3	SW mm
T HN 02 IN	1/8" -27 NPT	1/8" -27 NPT	14
T HN 04 IN	1/4" -18 NPT	1/4" -18 NPT	19
T HN 06 IN	3/8" -18 NPT	3/8" -18 NPT	22
T HN 08 IN	1/2" -14 NPT	1/2" -14 NPT	27
T HN 12 IN	3/4" -14 NPT	3/4" -14 NPT	33
T HN 16 IN	1" -11.5 NPT	1" -11.5 NPT	41
T HN 20 IN	1.1/4" -11.5 NPT	1.1/4" -11.5 NPT	48

SW = Width across flats

L HN IN**Screw-in socket, L shaped**

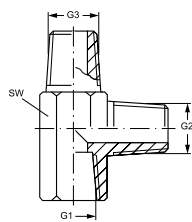
Connection 1: NPT external threads
Sealing form 1: thread seal
Connection 2 + 3: NPT internal thread
Sealing form 2 + 3: thread seal
Design: Screw-in sockets
Construction: L shaped
Material: Steel
Surface: electro galvanised



Identification	G1	G2 + G3	SW mm
L HN 02 IN	1/8" -27 NPT	1/8" -27 NPT	14
L HN 04 IN	1/4" -18 NPT	1/4" -18 NPT	19
L HN 06 IN	3/8" -18 NPT	3/8" -18 NPT	22
L HN 08 IN	1/2" -14 NPT	1/2" -14 NPT	27
L HN 12 IN	3/4" -14 NPT	3/4" -14 NPT	33
L HN 16 IN	1" -11.5 NPT	1" -11.5 NPT	41
L HN 20 IN	1.1/4" -11.5 NPT	1.1/4" -11.5 NPT	48
SW = Width across flats			

L IN HN

Screw-in socket, L shaped



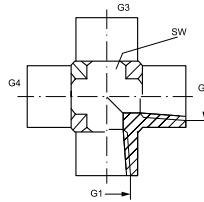
- Connection 1: NPT internal thread
- Sealing form 1: thread seal
- Connection 2 + 3: NPT external threads
- Sealing form 2 + 3: thread seal
- Design: Screw-in sockets
- Construction: L shaped
- Material: Steel
- Surface: electro galvanised

Identification	G1	G2 + G3	SW mm
L IN 02 HN	1/8" -27 NPT	1/8" -27 NPT	14
L IN 04 HN	1/4" -18 NPT	1/4" -18 NPT	19
L IN 06 HN	3/8" -18 NPT	3/8" -18 NPT	22
L IN 08 HN	1/2" -14 NPT	1/2" -14 NPT	27
L IN 12 HN	3/4" -14 NPT	3/4" -14 NPT	33
L IN 16 HN	1" -11.5 NPT	1" -11.5 NPT	41
L IN 20 HN	1.1/4" -11.5 NPT	1.1/4" -11.5 NPT	48

SW = Width across flats

K IN**Connector, cross shaped**

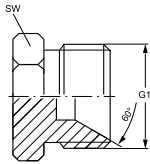
Connection 1 - 4: NPT internal thread
Sealing form 1 - 4: thread seal
Design: Screw-on socket
Construction: K shaped
Material: Steel
Surface: electro galvanised



Identification	G1 - G4	SW mm
K IN 02	1/8" -27 NPT	14
K IN 04	1/4" -18 NPT	19
K IN 06	3/8" -18 NPT	22
K IN 08	1/2" -14 NPT	29
K IN 12	3/4" -14 NPT	35
K IN 16	1" -11.5 NPT	41
K IN 20	1.1/4" -11.5 NPT	51
K IN 24	1.1/2" -11.5 NPT	60
SW = Width across flats		

VERSCHLUSS HB

Blanking socket



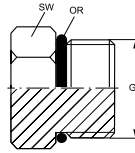
Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Design: Blanking socket
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	SW mm
VERSCHLUSS HB 02	G 1/8" -28	14
VERSCHLUSS HB 04	G 1/4" -19	19
VERSCHLUSS HB 06	G 3/8" -19	22
VERSCHLUSS HB 08	G 1/2" -14	27
VERSCHLUSS HB 10	G 5/8" -14	30
VERSCHLUSS HB 12	G 3/4" -14	32
VERSCHLUSS HB 16	G 1" -11	41
VERSCHLUSS HB 20	G 1.1/4" -11	50
VERSCHLUSS HB 24	G 1.1/2" -11	55
VERSCHLUSS HB 32	G 2" -11	70
SW, S1, S2 = With across flats		

Product versions:
VERSCHLUSS HB VA - Blanking socket, Stainless steel

VERSCHLUSS HRO**Blanking socket, with hexagon head**

Connection 1: BSP external thread, cylindrical
Sealing form 1: form G
Design: Blanking socket, with hexagon head
Construction: straight
Material: Steel
Surface: electro galvanised

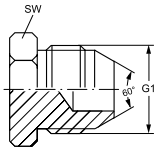


Identification	G1	SW mm	OR
VERSCHLUSS HRO 02	G 1/8" -28	14	7.65 x 1.78
VERSCHLUSS HRO 04	G 1/4" -19	19	10.78 x 2.62
VERSCHLUSS HRO 06	G 3/8" -19	22	13.94 x 2.62
VERSCHLUSS HRO 08	G 1/2" -14	27	17.86 x 2.62
VERSCHLUSS HRO 12	G 3/4" -14	36	23.47 x 2.62
VERSCHLUSS HRO 16	G 1" -11	41	29.74 x 3.53
VERSCHLUSS HRO 20	G 1.1/4" -11	50	37.69 x 3.53
VERSCHLUSS HRO 24	G 1.1/2" -11	55	44.04 x 3.53

SW, S1, S2 = With across flats

VERSCHLUSS HJR

Blanking socket



- Connection 1:**

Sealing form 1:

Design:

Construction:

Standard connec-

tion 2:

Material:

Surface:
- BSP external thread, cylindrical

60° outer cone

Blanking socket

straight

JIS B 8363

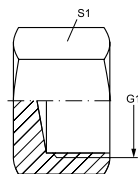
Steel

electro galvanised

Identification	G1	SW mm
VERSCHLUSS HJR 04	G 1/4" -19	14
VERSCHLUSS HJR 06	G 3/8" -19	17
VERSCHLUSS HJR 08	G 1/2" -14	22
VERSCHLUSS HJR 12	G 3/4" -14	27
VERSCHLUSS HJR 16	G 1" -11	36
SW, S1, S2 = With across flats		

VERSCHLUSS IR**Blanking nut**

Connection 1: BSP cylindrical internal threads
Sealing form 1: flat sealing
Design: Blanking nut
Construction: straight
Material: Steel
Surface: electro galvanised

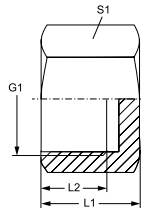


Identification	G1	S1
VERSCHLUSS IR 02	G 1/8" -28	14
VERSCHLUSS IR 04	G 1/4" -19	19
VERSCHLUSS IR 06	G 3/8" -19	22
VERSCHLUSS IR 08	G 1/2" -14	27
VERSCHLUSS IR 12	G 3/4" -14	32
VERSCHLUSS IR 16	G 1" -11	41
VERSCHLUSS IR 20	G 1.1/4" -11	50
VERSCHLUSS IR 24	G 1.1/2" -11	55
VERSCHLUSS IR 32	G 2" -11	70
SW, S1, S2 = With across flats		

3

VSSK IR VA

Blanking nut



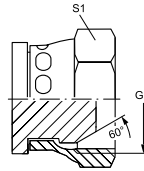
Connection 1: BSP cylindrical internal threads
Sealing form 1: flat sealing
Design: Blanking nut
Material: Stainless steel

Identification	G1	L1 mm	L2 mm	S1
VSSK IR 02 VA	G 1/8" -28	15,0	10,0	14
VSSK IR 04 VA	G 1/4" -19	18,0	12,5	17
VSSK IR 06 VA	G 3/8" -19	19,0	13,0	22
VSSK IR 08 VA	G 1/2" -14	21,0	14,5	27
VSSK IR 12 VA	G 3/4" -14	24,5	18,5	32
VSSK IR 16 VA	G 1" -11	25,0	19,0	41
VSSK IR 20 VA	G 1.1/4" -11	29,0	22,0	50
VSSK IR 24 VA	G 1.1/2" -11	31,0	23,5	55
VSSK IR 32 VA	G 2" -11	32,0	24,5	70

SW, S1, S2 = With across flats

VERSCHLUSS AB**Blanking nut**

Connection 1: BSP nut thread
Sealing form 1: 60° outer cone
Design: Blanking nut
Construction: straight
Material: Steel
Surface: electro galvanised



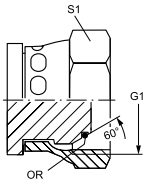
Identification	G1	S1
VERSCHLUSS AB 02	G 1/8" -28	14
VERSCHLUSS AB 04	G 1/4" -19	19
VERSCHLUSS AB 06	G 3/8" -19	22
VERSCHLUSS AB 08	G 1/2" -14	27
VERSCHLUSS AB 10	G 5/8" -14	30
VERSCHLUSS AB 12	G 3/4" -14	32
VERSCHLUSS AB 16	G 1" -11	38
VERSCHLUSS AB 20	G 1.1/4" -11	50
VERSCHLUSS AB 24	G 1.1/2" -11	55
VERSCHLUSS AB 32	G 2" -11	70
SW, S1, S2 = With across flats		

Product versions:

VERSCHLUSS AB VA - Blanking nut, Stainless steel

VERSCHLUSS AOB

Blanking nut



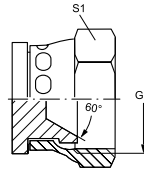
Connection 1: BSP nut thread
Sealing form 1: 60° outer cone with O-ring
Design: Blanking nut
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	S1	OR
VERSCHLUSS AOB 02	G 1/8" -28	14	4.5 x 1.5
VERSCHLUSS AOB 04	G 1/4" -19	17	6.5 x 1.0
VERSCHLUSS AOB 06	G 3/8" -19	22	8.1 x 1.6
VERSCHLUSS AOB 08	G 1/2" -14	27	12.1 x 1.6
VERSCHLUSS AOB 10	G 5/8" -14	27	13.1 x 1.6
VERSCHLUSS AOB 12	G 3/4" -14	32	17.1 x 1.6
VERSCHLUSS AOB 16	G 1" -11	41	22.1 x 1.6

SW, S1, S2 = With across flats

VERSCHLUSS ARI**Blanking nut**

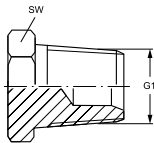
Connection 1: BSP cylindrical internal threads
Sealing form 1: 60° inner cone
Design: Blanking nut
Construction: straight
Standard connection 2: JIS B 8363
Material: Steel
Surface: electro galvanised



Identification	G1	S1
VERSCHLUSS ARI 04	G 1/4" -19	19
VERSCHLUSS ARI 06	G 3/8" -19	22
VERSCHLUSS ARI 08	G 1/2" -14	27
VERSCHLUSS ARI 12	G 3/4" -14	37
VERSCHLUSS ARI 16	G 1" -11	41
SW, S1, S2 = With across flats		

VERSCHLUSS HRK

Blanking socket, with hexagon head



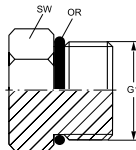
Connection 1: BSPT conical external threads
Sealing form 1: thread seal
Design: Blanking socket, with hexagon head straight
Construction: straight
Material: Steel
Surface: electro galvanised

3

Identification	G1	SW mm
VERSCHLUSS HRK 02	R 1/8" K	12
VERSCHLUSS HRK 04	R 1/4" K	14
VERSCHLUSS HRK 06	R 3/8" K	17
VERSCHLUSS HRK 08	R 1/2" K	22
VERSCHLUSS HRK 10	R 5/8" K	30
VERSCHLUSS HRK 12	R 3/4" K	27
VERSCHLUSS HRK 16	R 1" K	36
VERSCHLUSS HRK 20	R 1.1/4" K	46
VERSCHLUSS HRK 24	R 1.1/2" K	50
VERSCHLUSS HRK 32	R 2" K	70
VERSCHLUSS HRK 40	R 2.1/2" K	70
SW, S1, S2 = With across flats		

VERSCHLUSS HMO**Blanking socket, with hexagon head**

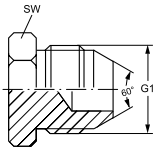
Connection 1: metric cylindrical outer thread
Sealing form 1: Shape F
Design: Blanking socket, with hexagon head
Construction: straight
Material: Steel
Surface: electro galvanised



Identification	G1	OR
VERSCHLUSS HMO 10	M 10 x 1	8.00 x 1.50
VERSCHLUSS HMO 12	M 12 x 1.5	9.30 x 2.30
VERSCHLUSS HMO 14	M 14 x 1.5	11.30 x 2.30
VERSCHLUSS HMO 16	M 16 x 1.5	13.30 x 2.30
VERSCHLUSS HMO 18	M 18 x 1.5	15.30 x 2.30
VERSCHLUSS HMO 20	M 20 x 1.5	17.30 x 2.30
VERSCHLUSS HMO 22	M 22 x 1.5	19.30 x 2.30
VERSCHLUSS HMO 27	M 27 x 2	23.47 x 2.95
VERSCHLUSS HMO 33	M 33 x 2	29.74 x 2.95
VERSCHLUSS HMO 42	M 42 x 2	38.00 x 3.00
VERSCHLUSS HMO 48	M 48 x 2	44.00 x 3.00
SW, S1, S2 = With across flats		

VERSCHLUSS HJL

Blanking socket



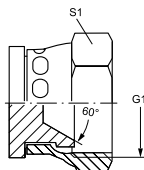
- Connection 1:** metric cylindrical outer thread
- Sealing form 1:** 60° outer cone
- Design:** Blanking socket
- Construction:** straight
- Material:** Steel
- Surface:** electro galvanised

Identification	G1	SW mm
VERSCHLUSS HJL 14	M 14 x 1.5	14
VERSCHLUSS HJL 16	M 16 x 1.5	17
VERSCHLUSS HJL 18	M 18 x 1.5	19
VERSCHLUSS HJL 22	M 22 x 1.5	22
VERSCHLUSS HJL 24	M 24 x 1.5	24
VERSCHLUSS HJL 30	M 30 x 1.5	30
VERSCHLUSS HJL 33	M 33 x 1.5	36

SW, S1, S2 = With across flats

VERSCHLUSS ALI**Blanking nut**

Connection 1: metric nut thread
Sealing form 1: 60° inner cone
Design: Blanking nut
Construction: straight
Material: Steel
Surface: electro galvanised

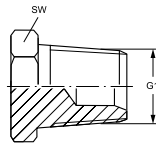


Identification	G1	S1
VERSCHLUSS ALI 14	M 14 x 1.5	19
VERSCHLUSS ALI 16	M 16 x 1.5	22
VERSCHLUSS ALI 18	M 18 x 1.5	24
VERSCHLUSS ALI 22	M 22 x 1.5	27
VERSCHLUSS ALI 24	M 24 x 1.5	32
VERSCHLUSS ALI 30	M 30 x 1.5	36
VERSCHLUSS ALI 33	M 33 x 1.5	41
SW, S1, S2 = With across flats		

3

VERSCHLUSS HN

Blanking socket



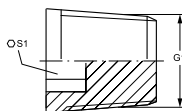
Connection 1: NPT external threads
Sealing form 1: thread seal
Design: Blanking socket
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	SW mm
VERSCHLUSS HN 02	1/8" -27 NPT	12
VERSCHLUSS HN 04	1/4" -18 NPT	17
VERSCHLUSS HN 06	3/8" -18 NPT	19
VERSCHLUSS HN 08	1/2" -14 NPT	22
VERSCHLUSS HN 12	3/4" -14 NPT	27
VERSCHLUSS HN 16	1" -11.5 NPT	36
VERSCHLUSS HN 20	1.1/4" -11.5 NPT	46
VERSCHLUSS HN 24	1.1/2" -11.5 NPT	50
VERSCHLUSS HN 32	2" -11.5 NPT	65
SW, S1, S2 = With across flats		

Product versions:
VERSCHLUSS HN VA - Blanking socket, Stainless steel

VERSCHLUSS HN IS**Blanking socket, with hexagon socket**

Connection 1: NPT external threads
Sealing form 1: thread seal
Design: Blanking socket, with hexagon socket
Construction: straight
Material: Steel
Surface: electro galvanised

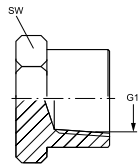


Identification	G1	S1
VERSCHLUSS HN 02 IS	1/8" -27 NPT	5
VERSCHLUSS HN 04 IS	1/4" -18 NPT	6
VERSCHLUSS HN 06 IS	3/8" -18 NPT	8
VERSCHLUSS HN 08 IS	1/2" -14 NPT	10
VERSCHLUSS HN 12 IS	3/4" -14 NPT	12
VERSCHLUSS HN 16 IS	1" -11.5 NPT	17
VERSCHLUSS HN 20 IS	1.1/4" -11.5 NPT	22
VERSCHLUSS HN 24 IS	1.1/2" -11.5 NPT	24
VERSCHLUSS HN 32 IS	2" -11.5 NPT	27
SW, S1, S2 = With across flats		

3

VERSCHLUSS IN

Blanking nut



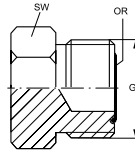
Connection 1: NPT internal thread
Sealing form 1: thread seal
Design: Blanking nut
Construction: straight
Material: Steel
Surface: electro galvanised

3

Identification	G1	SW mm
VERSCHLUSS IN 02	1/8" -27 NPT	14
VERSCHLUSS IN 04	1/4" -18 NPT	17
VERSCHLUSS IN 06	3/8" -18 NPT	22
VERSCHLUSS IN 08	1/2" -14 NPT	27
VERSCHLUSS IN 12	3/4" -14 NPT	32
VERSCHLUSS IN 16	1" -11.5 NPT	43
VERSCHLUSS IN 20	1.1/4" -11.5 NPT	50
VERSCHLUSS IN 24	1.1/2" -11.5 NPT	60
VERSCHLUSS IN 32	2" -11.5 NPT	73
SW, S1, S2 = With across flats		

VERSCHLUSS HJOF**Blanking socket**

Connection 1: ORFS external threads
Sealing form 1: flat seal with O-ring
Design: Blanking socket
Material: Steel
Surface: electro galvanised

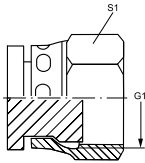


Identification	G1	i mm	L1 mm	SW mm	OR
VERSCHLUSS HJOF 04	9/16"-18 UNF	10,0	16,5	17	7.65 x 1.78
VERSCHLUSS HJOF 06	11/16"-16 UN	11,0	19,0	19	9.25 x 1.78
VERSCHLUSS HJOF 08	13/16"-16 UN	13,0	22,0	22	12.42 x 1.78
VERSCHLUSS HJOF 10	1" -14 UNS	15,5	26,0	27	15.60 x 1.78
VERSCHLUSS HJOF 12	1.3/16"-12 UN	17,0	27,5	32	18.77 x 1.78
VERSCHLUSS HJOF 16	1.7/16"-12 UN	17,5	28,0	41	23.52 x 1.78
VERSCHLUSS HJOF 20	1.11/16"-12 UN	17,5	28,0	46	29.87 x 1.78
VERSCHLUSS HJOF 24	2" -12 UN	17,5	28,0	55	37.82 x 1.78

SW, S1, S2 = With across flats

VERSCHLUSS AJF

Blanking nut

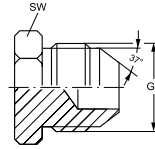


Connection 1: ORFS nut threads
Sealing form 1: flat sealing
Design: Blanking nut
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	S1
VERSCHLUSS AJF 04	9/16"-18 UNF	17
VERSCHLUSS AJF 06	11/16" -16 UN	22
VERSCHLUSS AJF 08	13/16" -16 UN	24
VERSCHLUSS AJF 10	1" -14 UNS	30
VERSCHLUSS AJF 12	1.3/16" -12 UN	36
VERSCHLUSS AJF 16	1.7/16" -12 UN	41
VERSCHLUSS AJF 20	1.11/16" -12 UN	50
VERSCHLUSS AJF 24	2" -12 UN	60
VERSCHLUSS AJF 32	2.1/2" -12 UN	75
SW, S1, S2 = With across flats		

VERSCHLUSS HJ**Blanking socket**

Connection 1: UN/UNF external threads
Sealing form 1: 74° outer cone
Design: Blanking socket
Material: Steel
Surface: electro galvanised



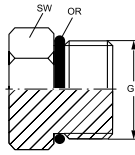
Identification	G1	SW mm
VERSCHLUSS HJ 04	7/16"-20 UNF	12
VERSCHLUSS HJ 05	1/2"-20 UNF	14
VERSCHLUSS HJ 06	9/16"-18 UNF	19
VERSCHLUSS HJ 08	3/4"-16 UNF	19
VERSCHLUSS HJ 10	7/8"-14 UNF	24
VERSCHLUSS HJ 12	1.1/16" -12 UN	27
VERSCHLUSS HJ 14	1.3/16" -12 UN	32
VERSCHLUSS HJ 16	1.5/16" -12 UN	36
VERSCHLUSS HJ 20	1.5/8" -12 UN	46
VERSCHLUSS HJ 24	1.7/8" -12 UN	50
VERSCHLUSS HJ 32	2.1/2" -12 UN	65
SW, S1, S2 = With across flats		

Product versions:

VERSCHLUSS HJ VA - Blanking socket, Stainless steel

VERSCHLUSS O

Blanking socket



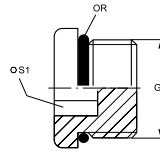
Connection 1: UN/UNF external threads
Sealing form 1: O-ring seal
Design: Blanking socket
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	SW mm	OR
VERSCHLUSS O 02	5/16"-24 UNF	11	6.07 x 1.63
VERSCHLUSS O 03	3/8"-24 UNF	13	7.65 x 1.78
VERSCHLUSS O 04	7/16"-20 UNF	14	8.92 x 1.83
VERSCHLUSS O 05	1/2"-20 UNF	16	10.52 x 1.83
VERSCHLUSS O 06	9/16"-18 UNF	18	11.90 x 1.98
VERSCHLUSS O 08	3/4"-16 UNF	22	16.36 x 2.20
VERSCHLUSS O 10	7/8"-14 UNF	25	19.18 x 2.46
VERSCHLUSS O 12	1.1/16"-12 UN	32	23.47 x 2.95
VERSCHLUSS O 14	1.3/16"-12 UN	35	26.59 x 2.95
VERSCHLUSS O 16	1.5/16"-12 UN	38	29.74 x 2.95
VERSCHLUSS O 20	1.5/8" -12 UN	48	37.47 x 3.00
VERSCHLUSS O 24	1.7/8" -12 UN	54	43.69 x 3.00
VERSCHLUSS O 32	2.1/2" -12 UN	70	59.36 x 3.00

SW, S1, S2 = With across flats

VERSCHLUSS O IS**Blanking socket, with hexagon socket**

Connection 1: UN/UNF external threads
Sealing form 1: O-ring seal
Design: Blanking socket, with hexagon socket
Construction: straight
Material: Steel
Surface: electro galvanised

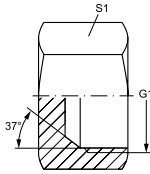


Identification	G1	S1	OR
VERSCHLUSS O 02 IS	5/16"-24 UNF	3	6.07 x 1.63
VERSCHLUSS O 03 IS	3/8"-24 UNF	4	7.65 x 1.78
VERSCHLUSS O 04 IS	7/16"-20 UNF	5	8.92 x 1.83
VERSCHLUSS O 05 IS	1/2"-20 UNF	5	10.52 x 1.83
VERSCHLUSS O 06 IS	9/16"-18 UNF	6	11.90 x 1.98
VERSCHLUSS O 08 IS	3/4"-16 UNF	8	16.36 x 2.20
VERSCHLUSS O 10 IS	7/8"-14 UNF	10	19.18 x 2.46
VERSCHLUSS O 12 IS	1.1/16" -12 UN	14	23.47 x 2.95
VERSCHLUSS O 14 IS	1.3/16" -12 UN	14	26.59 x 2.95
VERSCHLUSS O 16 IS	1.5/16" -12 UN	17	29.74 x 2.95
VERSCHLUSS O 20 IS	1.5/8" -12 UN	22	37.47 x 3.00
VERSCHLUSS O 24 IS	1.7/8" -12 UN	22	43.69 x 3.00
VERSCHLUSS O 32 IS	2.1/2" -12 UN	22	59.36 x 3.00

SW, S1, S2 = With across flats

VERSCHLUSS IJ

Blanking nut

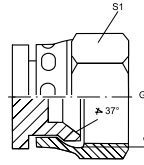


Connection 1: UN/UNF inner thread
Sealing form 1: 74° inner cone
Design: Blanking nut
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	G1	S1
VERSCHLUSS IJ 04	7/16"-20 UNF	14
VERSCHLUSS IJ 05	1/2"-20 UNF	17
VERSCHLUSS IJ 06	9/16"-18 UNF	19
VERSCHLUSS IJ 08	3/4"-16 UNF	22
VERSCHLUSS IJ 10	7/8"-14 UNF	27
VERSCHLUSS IJ 12	1.1/16" -12 UN	32
VERSCHLUSS IJ 16	1.5/16" -12 UN	41
VERSCHLUSS IJ 20	1.5/8" -12 UN	50
VERSCHLUSS IJ 24	1.7/8" -12 UN	60
VERSCHLUSS IJ 32	2.1/2" -12 UN	73
SW, S1, S2 = With across flats		

VERSCHLUSS AJ**Blanking nut**

Connection 1: UN/UNF nut threads
Sealing form 1: 74° inner cone
Design: Blanking nut
Construction: straight
Material: Steel
Surface: electro galvanised



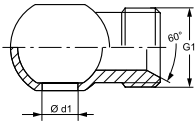
Identification	G1	S1
VERSCHLUSS AJ 04	7/16"-20 UNF	14
VERSCHLUSS AJ 05	1/2"-20 UNF	17
VERSCHLUSS AJ 06	9/16"-18 UNF	19
VERSCHLUSS AJ 08	3/4"-16 UNF	22
VERSCHLUSS AJ 10	7/8"-14 UNF	27
VERSCHLUSS AJ 12	1.1/16" -12 UN	32
VERSCHLUSS AJ 14	1.3/16" -12 UN	35
VERSCHLUSS AJ 16	1.5/16" -12 UN	41
VERSCHLUSS AJ 20	1.5/8" -12 UN	50
VERSCHLUSS AJ 24	1.7/8" -12 UN	60
VERSCHLUSS AJ 32	2.1/2" -12 UN	75
SW, S1, S2 = With across flats		

Product versions:

VERSCHLUSS AJ VA - Blanking nut, Stainless steel

G BR HB

Connectors, banjo

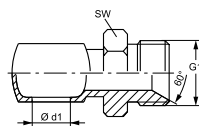


- Connection 1: Imperial ring eye
- Connection 2: BSP cylindrical external threads
- Sealing form 2: 60° inner cone
- Design: Connectors, ring thread piece
- Construction: straight
- Material: Steel
- Surface: electro galvanised

Identification	G1	Ø d1 mm	for hollow screw
G BR 02 HB	G 1/8" -28	9,8	R 1/8"
G BR 04 HB	G 1/4" -19	13,2	R 1/4"
G BR 06 HB	G 3/8" -19	16,7	R 3/8"
G BR 08 HB	G 1/2" -14	21,0	R 1/2"
G BR 10 HB	G 5/8" -14	23,0	R 5/8"
G BR 12 HB	G 3/4" -14	26,5	R 3/4"

GBH**Connection sockets**

Connection 1: Metric banjos
Connection 2: metric cylindrical outer thread
Sealing form 2: 60° inner cone
Design: Connection sockets
Construction: straight
Material: Steel
Surface: electro galvanised

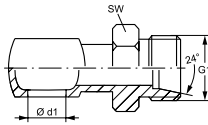


Identification	G1	Ø d1 mm	for hollow screw	SW mm
G B 02 H	M 10 x 1	8	M 8	14
G B 04 H	M 12 x 1.5	10	M 10	17
G B 04 H 06	M 14 x 1.5	10	M 10	19
G B 06 H	M 14 x 1.5	12	M 12	19
G B 08 H 06	M 14 x 1.5	14	M 14	19
G B 08 H	M 16 x 1.5	14	M 14	22
G B 10 H	M 18 x 1.5	16	M 16	24
G B 13 H	M 22 x 1.5	18	M 18	27
G B 16 H	M 26 x 1.5	22	M 22	27
G B 20 H	M 30 x 1.5	26	M 26	36
G B 25 H	M 38 x 1.5	30	M 30	41

SW = Width across flats

GB HL

Connectors, banjo



- Connection 1:** Metric banjos
Connection 2: metric cylindrical outer thread
Sealing form 2: 24° inner cone
Design: Connectors, ring thread piece straight
Construction: straight
Material: Steel
Surface: electro galvanised

Identification	External pipe Ø mm	G1	Ø d1 mm	for hollow screw	SW mm
GB 04 HL	6	M 12 x 1.5	10	M 10	17
GB 06 HL	8	M 14 x 1.5	12	M 12	19
GB 08 HL 06	8	M 14 x 1.5	14	M 14	19
GB 08 HL	10	M 16 x 1.5	14	M 14	22
GB 10 HL	12	M 18 x 1.5	16	M 16	24
GB 13 HL 10	12	M 18 x 1.5	18	M 18	24
GB 13 HL	15	M 22 x 1.5	18	M 18	27
GB 16 HL 13	15	M 22 x 1.5	22	M 22	27
GB 16 HL	18	M 26 x 1.5	22	M 22	32

SW = Width across flats

V KAE**Connector**

Connection 1: metric cylindrical outer thread
Sealing form 1: flat sealing
Connection 2: metric cylindrical outer thread
Sealing form 2: Flat seal
Material: MS/ST-Ni



Identification	G1	G2	SW mm
V NW 10 KAE 97	M 22 x 1.5	M 22 x 1.5	27
SW = Width across flats			

V WAP

Connector



Connection 1: metric cylindrical outer thread
Sealing form 1: flat sealing
Connection 2: metric cylindrical outer thread
Sealing form 2: Flat seal
Material: MS/ST-NI

Identification	G1	G2	SW mm
V NW 10 WAP	M 21 x 1.5		22
SW = Width across flats			

3

WEO SB G**WEO socket**

Connection 1: WEO socket
Sealing form 1: O-ring seal
Connection 2: BSP cylindrical external threads
Sealing form 2: Shape A
Material: Steel



Identification	Size	Working pressure bar	G1	Ø D1 mm	i mm	L1 mm	S1
WEO 10 SB G1/4	1/4"	PN 350	G 1/4" -19	10	12	38	19
WEO 13 SB G3/8	3/8"	PN 350	G 3/8" -19	13	12	41	22
WEO 16 SB G1/2	1/2"	PN 350	G 1/2" -14	16	14	43	27
WEO 23 SB G3/4	3/4"	PN 350	G 3/4" -14	23	16	56	36
WEO 30 SB G1	1"	PN 250	G 1" -11	30	18	67	41

SW, S1, S2 = With across flats

Spare parts:

WEO B DISA - WEO sealing set

WEO SB G ED

WEO socket



- Connection 1: WEO socket
- Sealing form 1: O-ring seal
- Connection 2: BSP cylindrical external threads
- Sealing form 2: Shape E
- Material: Steel

Identification	Size	Working pressure bar	G1	Ø D1 mm	i mm	L1 mm	S1
WEO 10 SB G1/4 ED	1/4"	PN 350	G 1/4" -19	10	12	38	19
WEO 13 SB G3/8 ED	3/8"	PN 350	G 3/8" -19	13	12	41	22
WEO 16 SB G1/2 ED	1/2"	PN 350	G 1/2" -14	16	14	43	27
SW, S1, S2 = With across flats							

Spare parts:

- WD - Soft seal for ED fittings
- WEO B DISA - WEO sealing set

WEO SB M S**WEO socket**

Connection 1: WEO screw-in bushing
Sealing form 1: O-ring seal
Connection 2: metric cylindrical outer thread
Sealing form 2: special screw-in hole
Material: Steel



Identification	Size	Working pressure bar	G1	Ø D1 mm	L1 mm	S1
WEO 13 SB M24-1.5 S	3/8"	PN 350	M 24 x 1.5	13	23,5	24
WEO 16 SB M27-1.5 S	1/2"	PN 350	M 27 x 1.5	16	23,7	27
WEO 23 SB M36-1.5 S	3/4"	PN 350	M 36 x 1.5	23	33,5	36
SW, S1, S2 = With across flats						

Spare parts:

WEO B DISA - WEO sealing set

3

WEO SB HL / WEO SB HS**WEO socket**

Connection 1: WEO socket
Sealing form 1: O-ring seal
Connection 2: metric cylindrical outer thread
Sealing form 2: 24° inner cone
Material: Steel

Identification	Series	Ø d2 mm	Size	Working pressure bar	G1	Ø D1 mm	L1 mm	S1
WEO 10 SB NW 06 HL	L	8	1/4"	PN 250	M 14 x 1.5	10	36	19
WEO 13 SB NW 10 HL	L	12	3/8"	PN 250	M 18 x 1.5	13	40	22
WEO 16 SB NW 13 HL	L	15	1/2"	PN 250	M 22 x 1.5	16	41	27
WEO 23 SB NW 20 HL	L	22	3/4"	PN 160	M 30 x 2	23	54	32
WEO 10 SB NW 04 HS	S	8	1/4"	PN 350	M 16 x 1.5	10	38	19
WEO 13 SB NW 08 HS	S	12	3/8"	PN 350	M 20 x 1.5	13	41	22
WEO 16 SB NW 13 HS	S	16	1/2"	PN 350	M 24 x 1.5	16	43	27
WEO 23 SB NW 20 HS	S	25	3/4"	PN 250	M 36 x 2	23	58	41
Ø d2 = External pipe diameter SW, S1, S2 = With across flats								

Spare parts:**WEO B DISA** - WEO sealing set

WEO SB FL / WEO SB FS**WEO socket**

Connection 1: WEO socket
Sealing form 1: O-ring seal
Connection 2: Pipe sockets
Sealing form 2: Pipe socket with cutting ring
Material: Steel



Identification	Series	Ø d2 mm	Size	Working pressure bar	Ø D1 mm	L1 mm	S1
WEO 10 SB NW 06 FL	L	8	1/4"	PN 250	10	48	19
WEO 13 SB NW 10 FL	L	12	3/8"	PN 250	13	51	22
WEO 16 SB NW 13 FL	L	15	1/2"	PN 250	16	54	27
WEO 23 SB NW 20 FL	L	22	3/4"	PN 250	23	68	32
WEO 16 SB NW 13 FS	S	16	1/2"	PN 350	16	59	27
Ø d2 = External pipe diameter SW, S1, S2 = With across flats							

Spare parts:

WEO B DISA - WEO sealing set

WEO SB HJ

WEO socket



Connection 1: WEO socket
Sealing form 1: O-ring seal
Connection 2: UN/UNF external threads
Sealing form 2: 74° outer cone
Material: Steel

Identification	Size	Working pressure bar	G1	Ø D1 mm	L1 mm	S1
WEO 10 SB HJ 04	1/4"	PN 350	7/16"-20 UNF	10	40,0	19
WEO 13 SB HJ 06	3/8"	PN 200	9/16"-18 UNF	13	43,1	22
WEO 16 SB HJ 08	1/2"	PN 200	3/4"-16 UNF	16	45,7	27
WEO 16 SB HJ 10	1/2"	PN 200	7/8"-14 UNF	16	48,3	27
WEO 16 SB HJ 12	1/2"	PN 250	1.1/16"-12 UN	16	50,9	30
WEO 23 SB HJ 12	3/4"	PN 250	1.1/16"-12 UN	23	61,9	32

SW, S1, S2 = With across flats

Spare parts:

WEO B DISA - WEO sealing set

WEO SB O**WEO socket**

Connection 1: WEO socket
Sealing form 1: O-ring seal
Connection 2: UN/UNF external threads
Sealing form 2: Shape F
Material: Steel



Identification	Size	Working pressure bar	G1	Ø D1 mm	i mm	L1 mm	S1	OR
WEO 10 SB O 04	1/4"	PN 350	7/16"-20 UNF	10	9	35	19	8.92 x 1.83
WEO 13 SB O 06	3/8"	PN 350	9/16"-18 UNF	13	10	39	22	11.90 x 1.98
WEO 16 SB O 08	1/2"	PN 350	3/4"-16 UNF	16	11	40	27	16.36 x 2.20
WEO 23 SB O 12	3/4"	PN 350	1.1/16" -12 UN	23	15	55	32	23.47 x 2.95
WEO 30 SB O 16	1"	PN 250	1.5/16" -12 UN	30	15	64	41	29.74 x 2.95

SW, S1, S2 = With across flats

Spare parts:

WEO B DISA - WEO sealing set

3

WEO S G

WEO plug



- Connection 1: WEO plug
- Sealing form 1: O-ring sealed socket
- Connection 2: BSP cylindrical external threads
- Sealing form 2: Shape A
- Material: Steel

Identification	Size	Working pressure bar	G1	Ø D1 mm	i mm	L1 mm	S1
WEO 10 S G1/4	1/4"	PN 350	G 1/4" -19	10	19,0	43,0	19
WEO 13 S G3/8	3/8"	PN 350	G 3/8" -19	13	22,0	48,5	22
WEO 16 S G1/2	1/2"	PN 350	G 1/2" -14	16	22,0	52,0	27
WEO 30 S G1	1"	PN 250	G 1" -11	30	38,5	77,0	41
SW, S1, S2 = With across flats							

- Spare parts:
- WEO S DEMORING - WEO disassembly ring
 - WEO S M ANSCHLAG - WEO fitting stop

WEO S HL / WEO S HS**WEO plug**

Connection 1: WEO plug
Sealing form 1: O-ring sealed socket
Connection 2: metric cylindrical outer thread
Sealing form 2: 24° inner cone
Material: Steel



Identification	Series	Ø d2 mm	Size	Working pressure bar	G1	Ø D1 mm	L1 mm	S1
WEO 10 S NW 04 HS	S	8	1/4"	PN 350	M 16 x 1.5	10	40,0	17
WEO 13 S NW 08 HS	S	12	3/8"	PN 350	M 20 x 1.5	13	45,0	21
Ø d2 = External pipe diameter SW, S1, S2 = With across flats								

Spare parts:

WEO S DEMORING - WEO disassembly ring

WEO S M ANSCHLAG - WEO fitting stop

3

WEO VB SB

WEO double coupling



- Connection 1: WEO socket
- Sealing form 1: O-ring seal
- Connection 2: WEO socket
- Sealing form 2: O-ring sealed socket
- Material: Steel

Identification	Size	Working pressure bar	G	Ø D1 mm	L1 mm	SW mm
WEO VB 10 SB	1/4"	PN 350	M 21 x 1.5	10	42,8	22
WEO VB 13 SB	3/8"	PN 350	M 26 x 1.5	13	50,8	27
WEO VB 16 SB	1/2"	PN 350	M 30 x 2	16	50,0	32
SW = Width across flats						

Spare parts:
WEO B DISA - WEO sealing set

WEO VS SB**WEO locking socket**

Connection 1: WEO socket
Sealing form 1: O-ring seal
Material: Steel
Surface: electro galvanised



Identification	Size	Working pressure bar	Ø D1 mm	L1 mm	SW mm	S1
WEO VS 10 SB	1/4"	PN 350	10	28,0	20	19
WEO VS 13 SB	3/8"	PN 350	13	31,0	24	22
WEO VS 16 SB	1/2"	PN 350	16	32,0	28	27
WEO VS 23 SB	3/4"	PN 350	23	44,0	32	32
WEO VS 30 SB	1"	PN 250	30	55,0	41	41

SW, S1, S2 = With across flats

3

WEO VS S

WEO locking plug



Connection 1: WEO plug
Sealing form 1: O-ring sealed socket
Material: Steel
Surface: electro galvanised

Identification	Size	Working pressure bar	Ø D1 mm	Ø D2 mm	L1 mm	L2 mm
WEO VS 10 S	1/4"	PN 350	10	12	43,0	19,0
WEO VS 13 S	3/8"	PN 350	13	16	50,0	22,0
WEO VS 16 S	1/2"	PN 350	16	19	50,0	22,0
WEO VS 23 S	3/4"	PN 350	23	25	59,0	31,0
WEO VS 30 S	1"	PN 250	30	33	75,0	38,5

Spare parts:

WEO S DEMORING - WEO disassembly ring

WEO S M ANSCHLAG - WEO fitting stop

WEO B DISA**WEO sealing set****Included in scope****of supply:**

O-ring and support ring

Material:

NBR



Identification	Size
WEO 10 B DISA	1/4"
WEO 13 B DISA	3/8"
WEO 16 B DISA	1/2"
WEO 23 B DISA	3/4"
WEO 30 B DISA	1"

3

Spare part for following products:**WEO SB G** - WEO socket**WEO SB G ED** - WEO socket**WEO SB HJ** - WEO socket**WEO SB FL / WEO SB FS** - WEO socket**WEO SB O** - WEO socket**WEO SB M S** - WEO socket**WEO SB HL / WEO SB HS** - WEO socket**WEO VS SB** - WEO locking socket**WEO VB SB** - WEO double coupling

WEO S DEMORING

WEO disassembly ring



Material: Plastic

3

Identification	Size
WEO 10 S DEMORING	1/4"
WEO 13 S DEMORING	3/8"
WEO 16 S DEMORING	1/2"
WEO 23 S DEMORING	3/4"
WEO 30 S DEMORING	1"

Spare part for following products:
WEO S G - WEO plug
WEO S HL / WEO S HS - WEO plug
WEO VS S - WEO locking plug

WEO S M ANSCHLAG**WEO fitting stop****Material:** Plastic

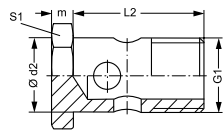
Identification	Size
WEO 10 S M ANSCHLAG	1/4"
WEO 13 S M ANSCHLAG	3/8"
WEO 16 S M ANSCHLAG	1/2"
WEO 23 S M ANSCHLAG	3/4"
WEO 30 S M ANSCHLAG	1"

3

Spare part for following products:**WEO S G** - WEO plug**WEO S HL / WEO S HS** - WEO plug**WEO VS S** - WEO locking plug

HS R

Hollow screw



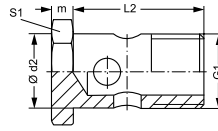
Connection 1: BSP external thread, cylindrical
Design: Hollow screw
Material: Steel
Surface: electro galvanised

Identification	G1	Ø d2 mm	L2 mm	m mm	S1
HS R 1/8	G 1/8" -28	9,9	19,0	5	14
HS R 1/4	G 1/4" -19	13,1	25,5	5	17
HS R 3/8	G 3/8" -19	16,6	31,0	7	22
HS R 1/2	G 1/2" -14	20,9	40,0	8	27
HS R 5/8	G 5/8" -14	22,9	47,0	9	32
HS R 3/4	G 3/4" -14	26,4	47,0		32
HS R 1	G 1" -11	33,2	58,0	10	41
SW, S1, S2 = With across flats					

Product versions:
HS R VA - Hollow screw, Stainless steel

HS M**Hollow screw**

Connection 1: metric cylindrical outer thread
Design: Hollow screw
Material: Steel
Surface: electro galvanised



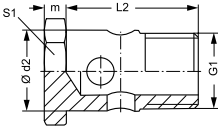
Identification	G1	Ø d2 mm	L2 mm	m mm	S1
HS M 06	M 6 x 1	6	17	4	11
HS M 08	M 8 x 1	8	17	5	12
HS M 10	M 10 x 1	10	19	6	14
HS M 12	M 12 x 1.5	12	24	6	17
HS M 14	M 14 x 1.5	14	26	6	19
HS M 16	M 16 x 1.5	16	28	6	22
HS M 18	M 18 x 1.5	18	32	6	24
HS M 22	M 22 x 1.5	22	39	7	27
HS M 26	M 26 x 1.5	26	45	7	32
HS M 30	M 30 x 1.5	30	51	7	36
HS M 38	M 38 x 1.5	38	61	8	46
SW, S1, S2 = With across flats					

Product versions:

HS M VA - Hollow screw, Stainless steel

HSM R

Hollow screw

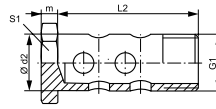


Connection 1: BSP external thread, cylindrical
Design: Hollow screw
Supplementary design information: Metric banjo
Material: Steel
Surface: electro galvanised

Identification	G1	Ø d2 mm	L2 mm	S1
HSM R 1/8	G 1/8" -28	10,0	19	14
HSM R 1/4	G 1/4" -19	14,0	26	19
HSM R 1/2	G 1/2" -14	22,0	39	27
SW, S1, S2 = With across flats				

DHS M / DHS R**Double hollow screw**

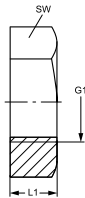
Connection 1: metric / BSP external thread
Design: Double hollow screw
Standard: DIN 7643
Material: Steel
Surface: electro galvanised



Identification	G1	Ø d2 mm	L2 mm	m mm	S1
DHS M 06	M 6 x 1	6	25	5	11
DHS M 08	M 8 x 1	8	27	5	12
DHS M 10	M 10 x 1	10	30	6	14
DHS M 12	M 12 x 1.5	12	38	6	17
DHS M 14	M 14 x 1.5	14	42	6	19
DHS M 16	M 16 x 1.5	16	46	6	22
DHS M 18	M 18 x 1.5	18	54	6	24
DHS M 22	M 22 x 1.5	22	69	7	27
DHS M 26	M 26 x 1.5	26	77	8	32
DHS M 30	M 30 x 1.5	30	86	8	36
DHS R 1/4	G 1/4" -19	13	41	6	19
SW, S1, S2 = With across flats					

KM UNF

Counter nut



Connection 1:
UN/UNF inner thread

Design:
Counter nut

Standard:
ISO 8434-2

Material:
Steel

Surface:
electro galvanised

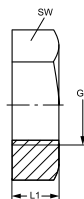
3

Identification	G1	L1 mm	SW mm
KM 04 UNF	7/16"-20 UNF	6,4	17
KM 05 UNF	1/2"-20 UNF	6,4	19
KM 06 UNF	9/16"-18 UNF	6,9	22
KM 08 UNF	3/4"-16 UNF	7,9	24
KM 10 UNF	7/8"-14 UNF	9,1	30
KM 12 UNF	1.1/16" -12 UN	10,4	36
KM 16 UNF	1.5/16" -12 UN	10,4	41
KM 20 UNF	1.5/8" -12 UN	10,4	50
KM 24 UNF	1.7/8" -12 UN	10,4	55
KM 32 UNF	2.1/2" -12 UN	10,4	70

SW = Width across flats

KM JF**Counter nut**

Connection 1: ORFS inner thread
Design: Counter nut
Standard: ISO 8434-2
Material: Steel
Surface: electro galvanised



Identification	G1	L1 mm	SW mm
KM 04 JF	9/16"-18 UNF	7	22
KM 06 JF	11/16"-16 UN	8	27
KM 08 JF	13/16"-16 UN	9	30
KM 10 JF	1" -14 UNS	11	32
KM 12 JF	1.3/16" -12 UN	11	38
KM 16 JF	1.7/16" -12 UN	11	46
KM 20 JF	1.11/16" -12 UN	10	51
KM 24 JF	2" -12 UN	10	60

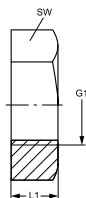
SW = Width across flats

Product versions:

KM JF VA - Counter nut, Stainless steel

KM BSP

Counter nut


Connection 1:

BSP cylindrical internal threads

Design:

Counter nut

Standard:

ISO 8434-3

Material:

Steel

Surface:

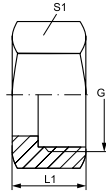
electro galvanised

Identification	G1	L1 mm	SW mm
KM 02 BSP	G 1/8" -28	5	14
KM 04 BSP	G 1/4" -19	6	19
KM 06 BSP	G 3/8" -19	7	22
KM 08 BSP	G 1/2" -14	8	27
KM 10 BSP	G 5/8" -14	7	30
KM 12 BSP	G 3/4" -14	9	32
KM 16 BSP	G 1" -11	10	41
KM 20 BSP	G 1.1/4" -11	13	50
KM 24 BSP	G 1.1/2" -11	15	55
KM 32 BSP	G 2" -11	15	70

SW = Width across flats

UEM AB**Union nut AB**

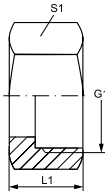
Connection 1: BSP nut thread
Design: Union nut
Standard: ISO 8434-6
Material: Steel
Surface: electro galvanised



Identification	G1	L1 mm	S1
UEM AB 02	G 1/8" -28	15,0	14
UEM AB 04	G 1/4" -19	15,0	17
UEM AB 06	G 3/8" -19	18,0	22
UEM AB 08	G 1/2" -14	20,0	27
UEM AB 10	G 5/8" -14	23,0	27
UEM AB 12	G 3/4" -14	23,0	32
UEM AB 16	G 1" -11	26,0	41
UEM AB 20	G 1.1/4" -11	28,0	50
UEM AB 24	G 1.1/2" -11	32,5	60
SW, S1, S2 = With across flats			

UEM AJF

Union nut AJF



Connection 1: ORFS nut threads
Sealing form 1: flat sealing
Design: Union nut
Standard: ISO 8434-3
Material: Steel
Surface: electro galvanised

Identification	G1	L1 mm	S1
UEM AJF 04	9/16"-18 UNF	15,0	17
UEM AJF 06	11/16"-16 UN	17,0	22
UEM AJF 08	13/16"-16 UN	20,0	24
UEM AJF 10	1" -14 UNS	24,0	30
UEM AJF 12	1.3/16"-12 UN	26,5	36
UEM AJF 16	1.7/16"-12 UN	27,5	41
UEM AJF 20	1.11/16"-12 UN	27,5	50
UEM AJF 24	2" -12 UN	27,5	60
SW, S1, S2 = With across flats			

Product versions:
UEM AJF VA - Union nut AJF, Stainless steel

