

HYDRAULIC CATALOGUE

Adaptors



WHO WE ARE.

Motion delivers a world-class customer-first approach to everything we do. This has firmly established our business as the leader in the market, providing excellence and expertise in industrial products, solutions and services.

For more than 100 years we have been a feature in the Australian industrial landscape giving customers unmatched products and service through an integrated network of branches, workshops and service centres.

We have an ongoing commitment to invest in our people, facilities, IT and systems to ensure we can continue to offer a broad ranging and premium level of engineering design, servicing and turnkey projects to our customers across Australia.

We are committed and proud to keep our customers in motion, every day of the year.

“WE KEEP THE WORLD MOVING”



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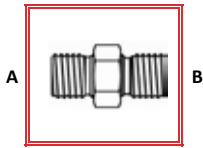
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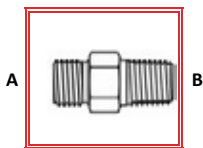
HYDRAULIC ADAPTORS

BSPP MALE - BSPP MALE HEX NIPPLE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BPM-BPM-0202	02	1/8"-28	02	1/8"-28
82-BPM-BPM-0204	02	1/8"-28	04	1/4"-19
82-BPM-BPM-0404	04	1/4"-19	04	1/4"-19
82-BPM-BPM-0406	04	1/4"-19	06	3/8"-19
82-BPM-BPM-0408	04	1/4"-19	08	1/2"-14
82-BPM-BPM-0606	06	3/8"-19	06	3/8"-19
82-BPM-BPM-0608	06	3/8"-19	08	1/2"-14
82-BPM-BPM-0612	06	3/8"-19	12	3/4"-14
82-BPM-BPM-0808	08	1/2"-14	08	1/2"-14
82-BPM-BPM-0810	08	1/2"-14	10	5/8"-14
82-BPM-BPM-0812	08	1/2"-14	12	3/4"-14
82-BPM-BPM-0816	08	1/2"-14	16	1"-11
82-BPM-BPM-1010	10	5/8"-14	10	5/8"-14
82-BPM-BPM-1212	12	3/4"-14	12	3/4"-14
82-BPM-BPM-1216	12	3/4"-14	16	1"-11
82-BPM-BPM-1220	12	3/4"-14	20	1-1/4"-11
82-BPM-BPM-1616	16	1"-11	16	1"-11
82-BPM-BPM-1620	16	1"-11	20	1-1/4"-11
82-BPM-BPM-1624	16	1"-11	24	1-1/2"-11
82-BPM-BPM-2020	20	1-1/4"-11	20	1-1/4"-11
82-BPM-BPM-2024	20	1-1/4"-11	24	1-1/2"-11
82-BPM-BPM-2424	24	1-1/2"-11	24	1-1/2"-11
82-BPM-BPM-2432	24	1-1/2"-11	32	2"-11
82-BPM-BPM-3232	32	2"-11	32	2"-11

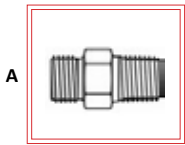
BSPP MALE - BSPT MALE HEX NIPPLE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
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82-BPM-BTM-0204	02	1/8"-28	04	1/4"-19
82-BPM-BTM-0402	04	1/4"-19	02	1/8"-28
82-BPM-BTM-0404	04	1/4"-19	04	1/4"-19
82-BPM-BTM-0406	04	1/4"-19	06	3/8"-19
82-BPM-BTM-0408	04	1/4"-19	08	1/2"-14
82-BPM-BTM-0412	04	1/4"-19	12	3/4"-14
82-BPM-BTM-0604	06	3/8"-19	04	1/4"-19
82-BPM-BTM-0606	06	3/8"-19	06	3/8"-19
82-BPM-BTM-0608	06	3/8"-19	08	1/2"-14
82-BPM-BTM-0612	06	3/8"-19	12	3/4"-14
82-BPM-BTM-0804	08	1/2"-14	04	1/4"-19
82-BPM-BTM-0806	08	1/2"-14	06	3/8"-19
82-BPM-BTM-0808	08	1/2"-14	08	1/2"-14
82-BPM-BTM-0812	08	1/2"-14	12	3/4"-14
82-BPM-BTM-0816	08	1/2"-14	16	1"-11
82-BPM-BTM-1206	12	3/4"-14	06	3/8"-19
82-BPM-BTM-1208	12	3/4"-14	08	1/2"-14
82-BPM-BTM-1212	12	3/4"-14	12	3/4"-14
82-BPM-BTM-1216	12	3/4"-14	16	1"-11
82-BPM-BTM-1220	12	3/4"-14	20	1-1/4"-11
82-BPM-BTM-1608	16	1"-11	08	1/2"-14
82-BPM-BTM-1612	16	1"-11	12	3/4"-14

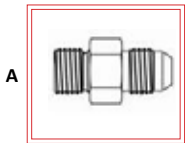
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HYDRAULIC ADAPTORS



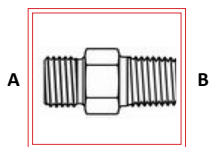
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BPM-BTM-1616	16	1"-11	16	1"-11
82-BPM-BTM-1620	16	1"-11	20	1-1/4"-11
82-BPM-BTM-2016	20	1-1/4"-11	16	1"-11
82-BPM-BTM-2020	20	1-1/4"-11	20	1-1/4"-11
82-BPM-BTM-2024	20	1-1/4"-11	24	1-1/2"-11
82-BPM-BTM-2420	24	1-1/2"-11	20	1-1/4"-11
82-BPM-BTM-2424	24	1-1/2"-11	24	1-1/2"-11
82-BPM-BTM-3232	32	2"-11	32	2"-11

BSPP MALE - JIC MALE HEX NIPPLE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BPM-JCM-0204	02	1/8"-28	04	7/16"-20
82-BPM-JCM-0205	02	1/8"-28	05	1/2"-20
82-BPM-JCM-0206	02	1/8"-28	06	9/16"-18
82-BPM-JCM-0404	04	1/4"-19	04	7/16"-20
82-BPM-JCM-0405	04	1/4"-19	05	1/2"-20
82-BPM-JCM-0406	04	1/4"-19	06	9/16"-18
82-BPM-JCM-0408	04	1/4"-19	08	3/4"-16
82-BPM-JCM-0604	06	3/8"-19	04	7/16"-20
82-BPM-JCM-0605	06	3/8"-19	05	1/2"-20
82-BPM-JCM-0606	06	3/8"-19	06	9/16"-18
82-BPM-JCM-0608	06	3/8"-19	08	3/4"-16
82-BPM-JCM-0610	06	3/8"-19	10	7/8"-14
82-BPM-JCM-0612	06	3/8"-19	12	1-1/16"-12
82-BPM-JCM-0804	08	1/2"-14	04	7/16"-20
82-BPM-JCM-0806	08	1/2"-14	06	9/16"-18
82-BPM-JCM-0808	08	1/2"-14	08	3/4"-16
82-BPM-JCM-0810	08	1/2"-14	10	7/8"-14
82-BPM-JCM-0812	08	1/2"-14	12	1-1/16"-12
82-BPM-JCM-1206	12	3/4"-14	06	9/16"-18
82-BPM-JCM-1208	12	3/4"-14	08	3/4"-16
82-BPM-JCM-1210	12	3/4"-14	10	7/8"-14
82-BPM-JCM-1212	12	3/4"-14	12	1-1/16"-12
82-BPM-JCM-1214	12	3/4"-14	14	1-3/16"-12
82-BPM-JCM-1216	12	3/4"-14	16	1-5/16"-12
82-BPM-JCM-1220	12	3/4"-14	20	1-5/8"-12
82-BPM-JCM-1608	16	1"-11	08	3/4"-16
82-BPM-JCM-1610	16	1"-11	10	7/8"-14
82-BPM-JCM-1612	16	1"-11	12	1-1/16"-12
82-BPM-JCM-1614	16	1"-11	14	1-3/16"-12
82-BPM-JCM-1616	16	1"-11	16	1-5/16"-12
82-BPM-JCM-1620	16	1"-11	20	1-5/8"-12
82-BPM-JCM-2012	20	1-1/4"-11	12	1-1/16"-12
82-BPM-JCM-2016	20	1-1/4"-11	16	1-5/16"-12
82-BPM-JCM-2020	20	1-1/4"-11	20	1-5/8"-12
82-BPM-JCM-2024	20	1-1/4"-11	24	1-7/8"-12
82-BPM-JCM-2416	24	1-1/2"-11	16	1-5/16"-12
82-BPM-JCM-2420	24	1-1/2"-11	20	1-5/8"-12
82-BPM-JCM-2424	24	1-1/2"-11	24	1-7/8"-12
82-BPM-JCM-3220	32	2"-11	20	1-5/8"-12
82-BPM-JCM-3224	32	2"-11	24	1-7/8"-12
82-BPM-JCM-3232	32	2"-11	32	2-1/2"-12

HYDRAULIC ADAPTORS



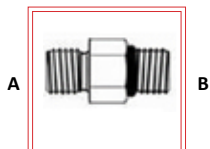
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BPM-NPM-0404	04	1/4"-19	04	1/4"-18
82-BPM-NPM-0606	06	3/8"-19	06	3/8"-18
82-BPM-NPM-0808	08	1/2"-14	08	1/2"-14
82-BPM-NPM-1212	12	3/4"-14	12	3/4"-14
82-BPM-NPM-1616	16	1"-11	16	1"-11 1/2
82-BPM-NPM-2020	20	1-1/4"-11	20	1-1/4"-11 1/2

BSPM MALE - ORFS MALE HEX NIPPLE



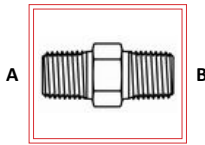
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BPM-OFM-0404	04	1/4"-19	04	9/16"-18
82-BPM-OFM-0406	04	1/4"-19	06	11/16"-16
82-BPM-OFM-0604	06	3/8"-19	04	9/16"-18
82-BPM-OFM-0606	06	3/8"-19	06	11/16"-16
82-BPM-OFM-0608	06	3/8"-19	08	13/16"-16
82-BPM-OFM-0806	08	1/2"-14	06	11/16"-16
82-BPM-OFM-0808	08	1/2"-14	08	13/16"-16
82-BPM-OFM-0810	08	1/2"-14	10	1"-14
82-BPM-OFM-1210	12	3/4"-14	10	1"-14
82-BPM-OFM-1212	12	3/4"-14	12	1-3/16"-12
82-BPM-OFM-1216	12	3/4"-14	16	1-7/16"-12
82-BPM-OFM-1612	16	1"-11	12	1-3/16"-12
82-BPM-OFM-1616	16	1"-11	16	1-7/16"-12
82-BPM-OFM-1620	16	1"-11	20	1-11/16"-12
82-BPM-OFM-2020	20	1-1/4"-11	20	1-11/16"-12

BSPM MALE - UNO MALE HEX NIPPLE



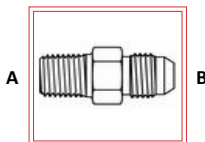
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BPM-UNM-0404	04	1/4"-19	04	7/16"-20
82-BPM-UNM-0405	04	1/4"-19	05	1/2"-20
82-BPM-UNM-0406	04	1/4"-19	06	9/16"-18
82-BPM-UNM-0604	06	3/8"-19	04	7/16"-20
82-BPM-UNM-0605	06	3/8"-19	05	1/2"-20
82-BPM-UNM-0606	06	3/8"-19	06	9/16"-18
82-BPM-UNM-0608	06	3/8"-19	08	3/4"-16
82-BPM-UNM-0610	06	3/8"-19	10	7/8"-14
82-BPM-UNM-0806	08	1/2"-14	06	9/16"-18
82-BPM-UNM-0808	08	1/2"-14	08	3/4"-16
82-BPM-UNM-0810	08	1/2"-14	10	7/8"-14
82-BPM-UNM-0812	08	1/2"-14	12	1-1/16"-12
82-BPM-UNM-1208	12	3/4"-14	08	3/4"-16
82-BPM-UNM-1210	12	3/4"-14	10	7/8"-14
82-BPM-UNM-1212	12	3/4"-14	12	1-1/16"-12
82-BPM-UNM-1214	12	3/4"-14	14	1-3/16"-12
82-BPM-UNM-1216	12	3/4"-14	16	1-5/16"-12
82-BPM-UNM-1612	16	1"-11	12	1-1/16"-12
82-BPM-UNM-1614	16	1"-11	14	1-3/16"-12
82-BPM-UNM-1616	16	1"-11	16	1-5/16"-12
82-BPM-UNM-1620	16	1"-11	20	1-5/8"-12
82-BPM-UNM-2020	20	1-1/4"-11	20	1-5/8"-12

HYDRAULIC ADAPTORS



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-BTM-0202	02	1/8"-28	02	1/8"-28
82-BTM-BTM-0204	02	1/8"-28	04	1/4"-19
82-BTM-BTM-0206	02	1/8"-28	06	3/8"-19
82-BTM-BTM-0404	04	1/4"-19	04	1/4"-19
82-BTM-BTM-0406	04	1/4"-19	06	3/8"-19
82-BTM-BTM-0408	04	1/4"-19	08	1/2"-14
82-BTM-BTM-0412	04	1/4"-19	12	3/4"-14
82-BTM-BTM-0606	06	3/8"-19	06	3/8"-19
82-BTM-BTM-0608	06	3/8"-19	08	1/2"-14
82-BTM-BTM-0612	06	3/8"-19	12	3/4"-14
82-BTM-BTM-0616	06	3/8"-19	16	1"-11
82-BTM-BTM-0808	08	1/2"-14	08	1/2"-14
82-BTM-BTM-0810	08	1/2"-14	10	5/8"-14
82-BTM-BTM-0812	08	1/2"-14	12	3/4"-14
82-BTM-BTM-0816	08	1/2"-14	16	1"-11
82-BTM-BTM-1010	10	5/8"-14	10	5/8"-14
82-BTM-BTM-1012	10	5/8"-14	12	3/4"-14
82-BTM-BTM-1212	12	3/4"-14	12	3/4"-14
82-BTM-BTM-1216	12	3/4"-14	16	1"-11
82-BTM-BTM-1220	12	3/4"-14	20	1-1/4"-11
82-BTM-BTM-1224	12	3/4"-14	24	1-1/2"-11
82-BTM-BTM-1616	16	1"-11	16	1"-11
82-BTM-BTM-1620	16	1"-11	20	1-1/4"-11
82-BTM-BTM-1624	16	1"-11	24	1-1/2"-11
82-BTM-BTM-2020	20	1-1/4"-11	20	1-1/4"-11
82-BTM-BTM-2024	20	1-1/4"-11	24	1-1/2"-11
82-BTM-BTM-2032	20	1-1/4"-11	32	2"-11
82-BTM-BTM-2424	24	1-1/2"-11	24	1-1/2"-11
82-BTM-BTM-2432	24	1-1/2"-11	32	2"-11
82-BTM-BTM-3232	32	2"-11	32	2"-11

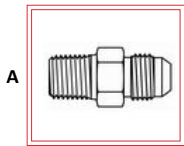
BSPT MALE - JIC MALE HEX NIPPLE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-JCM-0204	02	1/8"-28	04	7/16"-20
82-BTM-JCM-0205	02	1/8"-28	05	1/2"-20
82-BTM-JCM-0206	02	1/8"-28	06	9/16"-18
82-BTM-JCM-0404	04	1/4"-19	04	7/16"-20
82-BTM-JCM-0405	04	1/4"-19	05	1/2"-20
82-BTM-JCM-0406	04	1/4"-19	06	9/16"-18
82-BTM-JCM-0408	04	1/4"-19	08	3/4"-16
82-BTM-JCM-0604	06	3/8"-19	04	7/16"-20
82-BTM-JCM-0605	06	3/8"-19	05	1/2"-20
82-BTM-JCM-0606	06	3/8"-19	06	9/16"-18
82-BTM-JCM-0608	06	3/8"-19	08	3/4"-16
82-BTM-JCM-0610	06	3/8"-19	10	7/8"-14
82-BTM-JCM-0612	06	3/8"-19	12	1-1/16"-12
82-BTM-JCM-0804	08	1/2"-14	04	7/16"-20
82-BTM-JCM-0806	08	1/2"-14	06	9/16"-18
82-BTM-JCM-0808	08	1/2"-14	08	3/4"-16
82-BTM-JCM-0810	08	1/2"-14	10	7/8"-14
82-BTM-JCM-0812	08	1/2"-14	12	1-1/16"-12
82-BTM-JCM-0816	08	1/2"-14	16	1-5/16"-12
82-BTM-JCM-1206	12	3/4"-14	06	9/16"-18

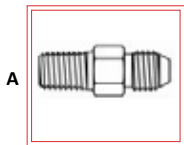
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HYDRAULIC ADAPTORS



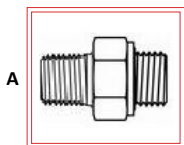
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-JCM-1208	12	3/4"-14	08	3/4"-16
82-BTM-JCM-1210	12	3/4"-14	10	7/8"-14
82-BTM-JCM-1212	12	3/4"-14	12	1-1/16"-12
82-BTM-JCM-1214	12	3/4"-14	14	1-3/16"-12
82-BTM-JCM-1216	12	3/4"-14	16	1-5/16"-12
82-BTM-JCM-1608	16	1"-11	08	3/4"-16
82-BTM-JCM-1610	16	1"-11	10	7/8"-14
82-BTM-JCM-1612	16	1"-11	12	1-1/16"-12
82-BTM-JCM-1614	16	1"-11	14	1-3/16"-12
82-BTM-JCM-1616	16	1"-11	16	1-5/16"-12
82-BTM-JCM-1620	16	1"-11	20	1-5/8"-12
82-BTM-JCM-2012	20	1-1/4"-11	12	1-1/16"-12
82-BTM-JCM-2016	20	1-1/4"-11	16	1-5/16"-12
82-BTM-JCM-2020	20	1-1/4"-11	20	1-5/8"-12
82-BTM-JCM-2024	20	1-1/4"-11	24	1-7/8"-12
82-BTM-JCM-2416	24	1-1/2"-11	16	1-5/16"-12
82-BTM-JCM-2420	24	1-1/2"-11	20	1-5/8"-12
82-BTM-JCM-2424	24	1-1/2"-11	24	1-7/8"-12
82-BTM-JCM-2432	24	1-1/2"-11	32	2-1/2"-12
82-BTM-JCM-3220	32	2"-11	20	1-5/8"-12
82-BTM-JCM-3224	32	2"-11	24	1-7/8"-12
82-BTM-JCM-3232	32	2"-11	32	2-1/2"-12

BSPT MALE - JIS KOMATSU MALE HEX NIPPLE



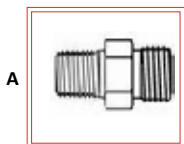
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-KMM-0414	04	1/4"-19	14	14x1.5
82-BTM-KMM-0616	06	3/8"-19	16	16x1.5
82-BTM-KMM-0618	06	3/8"-19	18	18x1.5
82-BTM-KMM-0818	08	1/2"-14	18	18x1.5
82-BTM-KMM-0820	08	1/2"-14	20	20x1.5
82-BTM-KMM-0822	08	1/2"-14	22	22x1.5
82-BTM-KMM-0824	08	1/2"-14	24	24x1.5
82-BTM-KMM-1224	12	3/4"-14	24	24x1.5
82-BTM-KMM-1230	12	3/4"-14	30	30x1.5
82-BTM-KMM-1633	16	1"-11	33	33x1.5

BSPT MALE - METRIC PORT MALE HEX NIPPLE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-MPM-0210	02	1/8"-28	10	10x1.0
82-BTM-MPM-0414	04	1/4"-19	14	14x1.5
82-BTM-MPM-0416	04	1/4"-19	16	16x1.5
82-BTM-MPM-0620	06	3/8"-19	20	20x1.5
82-BTM-MPM-0822	08	1/2"-14	22	22x1.5

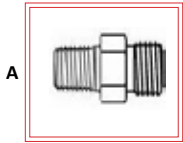
BSPT MALE - ORFS MALE HEX NIPPLE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-OFM-0404	04	1/4"-19	04	9/16"-18
82-BTM-OFM-0406	04	1/4"-19	06	11/16"-16
82-BTM-OFM-0606	06	3/8"-19	06	11/16"-16
82-BTM-OFM-0608	06	3/8"-19	08	13/16"-16

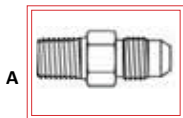
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HYDRAULIC ADAPTORS



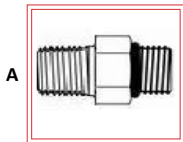
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-OFM-0806	08	1/2"-14	06	11/16"-16
82-BTM-OFM-0808	08	1/2"-14	08	13/16"-16
82-BTM-OFM-0810	08	1/2"-14	10	1"-14
82-BTM-OFM-0812	08	1/2"-14	12	1-3/16"-12
82-BTM-OFM-1212	12	3/4"-14	12	1-3/16"-12
82-BTM-OFM-1216	12	3/4"-14	16	1-7/16"-12
82-BTM-OFM-1616	16	1"-11	16	1-7/16"-12

BSPT MALE - SAE MALE HEX NIPPLE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-SFM-0410	04	1/4"-19	10	7/8"-14
82-BTM-SFM-0610	06	3/8"-19	10	7/8"-14

BSPT MALE - UNO MALE HEX NIPPLE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-UNM-0404	04	1/4"-19	04	7/16"-20
82-BTM-UNM-0405	04	1/4"-19	05	1/2"-20
82-BTM-UNM-0406	04	1/4"-19	06	9/16"-18
82-BTM-UNM-0408	04	1/4"-19	08	3/4"-16
82-BTM-UNM-0410	04	1/4"-19	10	7/8"-14
82-BTM-UNM-0604	06	3/8"-19	04	7/16"-20
82-BTM-UNM-0606	06	3/8"-19	06	9/16"-18
82-BTM-UNM-0608	06	3/8"-19	08	3/4"-16
82-BTM-UNM-0610	06	3/8"-19	10	7/8"-14
82-BTM-UNM-0806	08	1/2"-14	06	9/16"-18
82-BTM-UNM-0808	08	1/2"-14	08	3/4"-16
82-BTM-UNM-0810	08	1/2"-14	10	7/8"-14
82-BTM-UNM-0812	08	1/2"-14	12	1-1/16"-12
82-BTM-UNM-1208	12	3/4"-14	08	3/4"-16
82-BTM-UNM-1210	12	3/4"-14	10	7/8"-14
82-BTM-UNM-1212	12	3/4"-14	12	1-1/16"-12
82-BTM-UNM-1216	12	3/4"-14	16	1-5/16"-12
82-BTM-UNM-1612	16	1"-11	12	1-1/16"-12
82-BTM-UNM-1616	16	1"-11	16	1-5/16"-12
82-BTM-UNM-1620	16	1"-11	20	1-5/8"-12
82-BTM-UNM-2016	20	1-1/4"-11	16	1-5/16"-12
82-BTM-UNM-2020	20	1-1/4"-11	20	1-5/8"-12
82-BTM-UNM-2024	20	1-1/4"-11	24	1-7/8"-12
82-BTM-UNM-2424	24	1-1/2"-11	24	1-7/8"-12

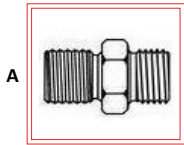
METRIC 24° HEAVY MALE - BSPP MALE HEX NIPPLE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-DHM-BPM-1604	16	16x1.5	04	1/4"-19
82-DHM-BPM-1804	18	18x1.5	04	1/4"-19
82-DHM-BPM-1806	18	18x1.5	06	3/8"-19
82-DHM-BPM-2006	20	20x1.5	06	3/8"-19
82-DHM-BPM-2008	20	20x1.5	08	1/2"-14

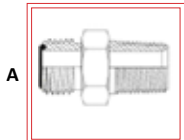
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HYDRAULIC ADAPTORS



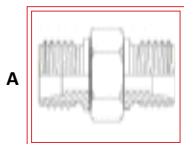
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-DHM-BPM-2206	22	22x1.5	06	3/8"-19
82-DHM-BPM-2208	22	22x1.5	08	1/2"-14
82-DHM-BPM-2406	24	24x1.5	06	3/8"-19
82-DHM-BPM-2408	24	24x1.5	08	1/2"-14
82-DHM-BPM-3012	30	30x2.0	12	3/4"-14
82-DHM-BPM-4220	42	42x2.0	20	1-1/4"-11

METRIC 24° HEAVY MALE - BSPT MALE HEX NIPPLE



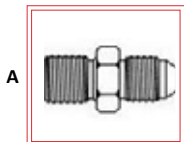
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-DHM-BTM-1806	18	18x1.5	06	3/8"-19
82-DHM-BTM-1808	18	18x1.5	08	1/2"-14
82-DHM-BTM-2408	24	24x1.5	08	1/2"-14

METRIC 24° HEAVY MALE - METRIC 24° HEAVY MALE HEX NIPPLE



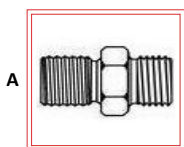
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-DHM-DHM-1414	14	14x1.5	14	14x1.5
82-DHM-DHM-1616	16	16x1.5	16	16x1.5
82-DHM-DHM-1818	18	18x1.5	18	18x1.5
82-DHM-DHM-2020	20	20x1.5	20	20x1.5
82-DHM-DHM-2222	22	22x1.5	22	22x1.5
82-DHM-DHM-2424	24	24x1.5	24	24x1.5
82-DHM-DHM-4242	42	42x2.0	42	42x2.0

METRIC 24° HEAVY MALE - JIC MALE HEX NIPPLE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-DHM-JCM-1406	14	14x1.5	06	9/16"-18
82-DHM-JCM-1606	16	16x1.5	06	9/16"-18
82-DHM-JCM-1808	18	18x1.5	08	3/4"-16
82-DHM-JCM-2008	20	20x1.5	08	3/4"-16
82-DHM-JCM-2210	22	22x1.5	10	7/8"-14
82-DHM-JCM-2412	24	24x1.5	12	1-1/16"-12

METRIC 24° LIGHT MALE - BSPP MALE HEX NIPPLE

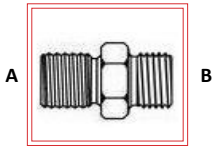


PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-DLM-BPM-1202	12	12x1.5	02	1/8"-28
82-DLM-BPM-1204	12	12x1.5	04	1/4"-19
82-DLM-BPM-1206	12	12x1.5	06	3/8"-19
82-DLM-BPM-1404	14	14x1.5	04	1/4"-19
82-DLM-BPM-1406	14	14x1.5	06	3/8"-19
82-DLM-BPM-1604	16	16x1.5	04	1/4"-19
82-DLM-BPM-1606	16	16x1.5	06	3/8"-19
82-DLM-BPM-1804	18	18x1.5	04	1/4"-19
82-DLM-BPM-1806	18	18x1.5	06	3/8"-19
82-DLM-BPM-1808	18	18x1.5	08	1/2"-14
82-DLM-BPM-2206	22	22x1.5	06	3/8"-19
82-DLM-BPM-2208	22	22x1.5	08	1/2"-14
82-DLM-BPM-2212	22	22x1.5	12	3/4"-14

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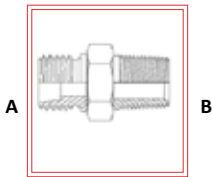
HYDRAULIC ADAPTORS

METRIC 24° LIGHT MALE - BSPP MALE HEX NIPPLE



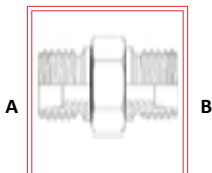
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-DLM-BPM-2608	26	26x1.5	08	1/2"-14
82-DLM-BPM-3012	30	30x2.0	12	3/4"-14
82-DLM-BPM-3016	30	30x2.0	16	1"-11
82-DLM-BPM-3616	36	36x2.0	16	1"-11
82-DLM-BPM-4516	45	45x2.0	16	1"-11
82-DLM-BPM-4520	45	45x2.0	20	1-1/4"-11

METRIC 24° LIGHT MALE - BSPT MALE HEX NIPPLE



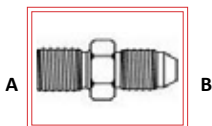
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-DLM-BTM-1202	12	12x1.5	02	1/8"-28
82-DLM-BTM-1204	12	12x1.5	04	1/4"-19
82-DLM-BTM-1402	14	14x1.5	02	1/8"-28
82-DLM-BTM-1404	14	14x1.5	04	1/4"-19
82-DLM-BTM-1406	14	14x1.5	06	3/8"-19
82-DLM-BTM-1602	16	16x1.5	02	1/8"-28
82-DLM-BTM-1606	16	16x1.5	06	3/8"-19
82-DLM-BTM-1608	16	16x1.5	08	1/2"-14
82-DLM-BTM-1804	18	18x1.5	04	1/4"-19
82-DLM-BTM-1806	18	18x1.5	06	3/8"-19
82-DLM-BTM-1808	18	18x1.5	08	1/2"-14
82-DLM-BTM-2206	22	22x1.5	06	3/8"-19
82-DLM-BTM-2208	22	22x1.5	08	1/2"-14
82-DLM-BTM-2608	26	26x1.5	08	1/2"-14
82-DLM-BTM-2612	26	26x1.5	12	3/4"-14
82-DLM-BTM-4520	45	45x2.0	20	1-1/4"-11
82-DLM-BTM-5224	52	52x2.0	24	1-1/2"-11

METRIC 24° LIGHT MALE - METRIC 24° LIGHT MALE HEX NIPPLE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-DLM-DLM-1212	12	12x1.5	12	12x1.5
82-DLM-DLM-1414	14	14x1.5	14	14x1.5
82-DLM-DLM-1616	16	16x1.5	16	16x1.5
82-DLM-DLM-1818	18	18x1.5	18	18x1.5
82-DLM-DLM-2626	26	26x1.5	26	26x1.5
82-DLM-DLM-3030	30	30x2.0	30	30x2.0
82-DLM-DLM-3636	36	36x2.0	36	36x2.0
82-DLM-DLM-4545	45	45x2.0	45	45x2.0
82-DLM-DLM-5252	52	52x2.0	52	52x2.0

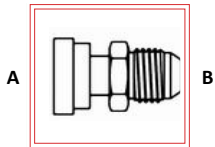
METRIC 24° LIGHT MALE - JIC MALE HEX NIPPLE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-DLM-JCM-1204	12	12x1.5	04	7/16"-20
82-DLM-JCM-1404	14	14x1.5	04	7/16"-20
82-DLM-JCM-1406	14	14x1.5	06	9/16"-18
82-DLM-JCM-1606	16	16x1.5	06	9/16"-18
82-DLM-JCM-1608	16	16x1.5	08	3/4"-16
82-DLM-JCM-1808	18	18x1.5	08	3/4"-16
82-DLM-JCM-2208	22	22x1.5	08	3/4"-16
82-DLM-JCM-2210	22	22x1.5	10	7/8"-14
82-DLM-JCM-2212	22	22x1.5	12	1-1/16"-12
82-DLM-JCM-2612	26	26x1.5	12	1-1/16"-12

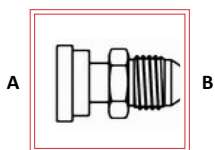
HYDRAULIC ADAPTORS

CODE 62 FLANGE - JIC MALE ADAPTOR



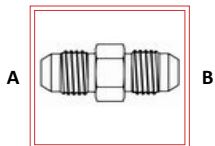
PART NUMBER	DASH SIZE A	FLANGE SIZE A	DASH SIZE B	THREAD SIZE B
82-FH-JCM-1212	12	3/4"	12	1-1/16"-12
82-FH-JCM-1216	12	3/4"	16	1-5/16"-12
82-FH-JCM-1612	16	1"	12	1-1/16"-12
82-FH-JCM-1616	16	1"	16	1-5/16"-12
82-FH-JCM-2016	20	1-1/4"	16	1-5/16"-12
82-FH-JCM-2020	20	1-1/4"	20	1-5/8"-12
82-FH-JCM-2424	24	1-1/2"	24	1-7/8"-12

CODE 61 FLANGE - JIC MALE ADAPTOR



PART NUMBER	DASH SIZE A	FLANGE SIZE A	DASH SIZE B	THREAD SIZE B
82-FL-JCM-1212	12	3/4"	12	1-1/16"-12
82-FL-JCM-1216	12	3/4"	16	1-5/16"-12
82-FL-JCM-1612	16	1"	12	1-1/16"-12
82-FL-JCM-1616	16	1"	16	1-5/16"-12
82-FL-JCM-1620	16	1"	20	1-5/8"-12
82-FL-JCM-2012	20	1-1/4"	12	1-1/16"-12
82-FL-JCM-2016	20	1-1/4"	16	1-5/16"-12
82-FL-JCM-2020	20	1-1/4"	20	1-5/8"-12
82-FL-JCM-2416	24	1-1/2"	16	1-5/16"-12
82-FL-JCM-2420	24	1-1/2"	20	1-5/8"-12
82-FL-JCM-2424	24	1-1/2"	24	1-7/8"-12
82-FL-JCM-3232	32	2"	32	2-1/2"-12

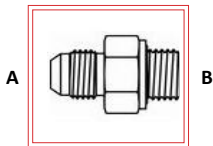
JIC MALE - JIC MALE HEX NIPPLE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-JCM-0404	04	7/16"-20	04	7/16"-20
82-JCM-JCM-0405	04	7/16"-20	05	1/2"-20
82-JCM-JCM-0406	04	7/16"-20	06	9/16"-18
82-JCM-JCM-0408	04	7/16"-20	08	3/4"-16
82-JCM-JCM-0505	05	1/2"-20	05	1/2"-20
82-JCM-JCM-0506	05	1/2"-20	06	9/16"-18
82-JCM-JCM-0606	06	9/16"-18	06	9/16"-18
82-JCM-JCM-0608	06	9/16"-18	08	3/4"-16
82-JCM-JCM-0610	06	9/16"-18	10	7/8"-14
82-JCM-JCM-0808	08	3/4"-16	08	3/4"-16
82-JCM-JCM-0810	08	3/4"-16	10	7/8"-14
82-JCM-JCM-0812	08	3/4"-16	12	1-1/16"-12
82-JCM-JCM-1010	10	7/8"-14	10	7/8"-14
82-JCM-JCM-1012	10	7/8"-14	12	1-1/16"-12
82-JCM-JCM-1212	12	1-1/16"-12	12	1-1/16"-12
82-JCM-JCM-1216	12	1-1/16"-12	16	1-5/16"-12
82-JCM-JCM-1414	14	1-3/16"-12	14	1-3/16"-12
82-JCM-JCM-1616	16	1-5/16"-12	16	1-5/16"-12
82-JCM-JCM-1620	16	1-5/16"-12	20	1-5/8"-12
82-JCM-JCM-2020	20	1-5/8"-12	20	1-5/8"-12
82-JCM-JCM-2024	20	1-5/8"-12	24	1-7/8"-12
82-JCM-JCM-2424	24	1-7/8"-12	24	1-7/8"-12
82-JCM-JCM-3232	32	2-1/2"-12	32	2-1/2"-12

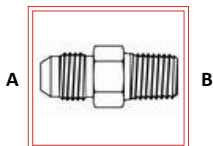
HYDRAULIC ADAPTORS

JIC MALE - METRIC PORT MALE HEX NIPPLE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-MPM-0410	04	7/16"-20	10	10x1.0
82-JCM-MPM-0412	04	7/16"-20	12	12x1.5
82-JCM-MPM-0612	06	9/16"-18	12	12x1.5
82-JCM-MPM-0614	06	9/16"-18	14	14x1.5
82-JCM-MPM-0616	06	9/16"-18	16	16x1.5
82-JCM-MPM-0618	06	9/16"-18	18	18x1.5
82-JCM-MPM-0620	06	9/16"-18	20	20x1.5
82-JCM-MPM-0622	06	9/16"-18	22	22x1.5
82-JCM-MPM-0812	08	3/4"-16	12	12x1.5
82-JCM-MPM-0814	08	3/4"-16	14	14x1.5
82-JCM-MPM-0816	08	3/4"-16	16	16x1.5
82-JCM-MPM-0818	08	3/4"-16	18	18x1.5
82-JCM-MPM-0820	08	3/4"-16	20	20x1.5
82-JCM-MPM-0822	08	3/4"-16	22	22x1.5
82-JCM-MPM-1016	10	7/8"-14	16	16x1.5
82-JCM-MPM-1018	10	7/8"-14	18	18x1.5
82-JCM-MPM-1020	10	7/8"-14	20	20x1.5
82-JCM-MPM-1022	10	7/8"-14	22	22x1.5
82-JCM-MPM-1218	12	1-1/16"-12	18	18x1.5
82-JCM-MPM-1220	12	1-1/16"-12	20	20x1.5
82-JCM-MPM-1222	12	1-1/16"-12	22	22x1.5
82-JCM-MPM-1226	12	1-1/16"-12	26	26x1.5
82-JCM-MPM-1227	12	1-1/16"-12	27	27x2.0
82-JCM-MPM-1233	12	1-1/16"-12	33	33x2.0
82-JCM-MPM-1633	16	1-5/16"-12	33	33x2.0

JIC MALE - NPT MALE HEX NIPPLE

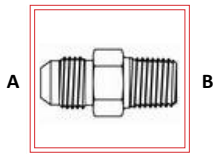


PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-NPM-0304	03	3/8"-24	04	1/4"-18
82-JCM-NPM-0402	04	7/16"-20	02	1/8"-27
82-JCM-NPM-0404	04	7/16"-20	04	1/4"-18
82-JCM-NPM-0406	04	7/16"-20	06	3/8"-18
82-JCM-NPM-0408	04	7/16"-20	08	1/2"-14
82-JCM-NPM-0502	05	1/2"-20	02	1/8"-27
82-JCM-NPM-0504	05	1/2"-20	04	1/4"-18
82-JCM-NPM-0602	06	9/16"-18	02	1/8"-27
82-JCM-NPM-0604	06	9/16"-18	04	1/4"-18
82-JCM-NPM-0606	06	9/16"-18	06	3/8"-18
82-JCM-NPM-0608	06	9/16"-18	08	1/2"-14
82-JCM-NPM-0612	06	9/16"-18	12	3/4"-14
82-JCM-NPM-0804	08	3/4"-16	04	1/4"-18
82-JCM-NPM-0806	08	3/4"-16	06	3/8"-18
82-JCM-NPM-0808	08	3/4"-16	08	1/2"-14
82-JCM-NPM-0812	08	3/4"-16	12	3/4"-14
82-JCM-NPM-0816	08	3/4"-16	16	1"-11 1/2
82-JCM-NPM-1006	10	7/8"-14	06	3/8"-18
82-JCM-NPM-1008	10	7/8"-14	08	1/2"-14
82-JCM-NPM-1012	10	7/8"-14	12	3/4"-14
82-JCM-NPM-1016	10	7/8"-14	16	1"-11 1/2
82-JCM-NPM-1206	12	1-1/16"-12	06	3/8"-18
82-JCM-NPM-1208	12	1-1/16"-12	08	1/2"-14
82-JCM-NPM-1212	12	1-1/16"-12	12	3/4"-14
82-JCM-NPM-1216	12	1-1/16"-12	16	1"-11 1/2

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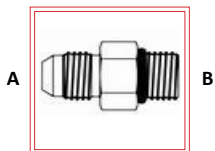
HYDRAULIC ADAPTORS

JIC MALE - NPT MALE HEX NIPPLE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-NPM-1220	12	1-1/16"-12	20	1-1/4"-11 1/2
82-JCM-NPM-1608	16	1-5/16"-12	08	1/2"-14
82-JCM-NPM-1612	16	1-5/16"-12	12	3/4"-14
82-JCM-NPM-1616	16	1-5/16"-12	16	1"-11 1/2
82-JCM-NPM-1620	16	1-5/16"-12	20	1-1/4"-11 1/2
82-JCM-NPM-1624	16	1-5/16"-12	24	1-1/2"-11 1/2
82-JCM-NPM-2012	20	1-5/8"-12	12	3/4"-14
82-JCM-NPM-2016	20	1-5/8"-12	16	1"-11 1/2
82-JCM-NPM-2020	20	1-5/8"-12	20	1-1/4"-11 1/2
82-JCM-NPM-2024	20	1-5/8"-12	24	1-1/2"-11 1/2
82-JCM-NPM-2420	24	1-7/8"-12	20	1-1/4"-11 1/2
82-JCM-NPM-2424	24	1-7/8"-12	24	1-1/2"-11 1/2
82-JCM-NPM-2432	24	1-7/8"-12	32	2"-11 1/2
82-JCM-NPM-3224	32	2-1/2"-12	24	1-1/2"-11 1/2
82-JCM-NPM-3232	32	2-1/2"-12	32	2"-11 1/2

JIC MALE - UNO MALE HEX NIPPLE

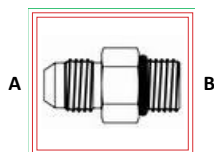


PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-UNM-0404	04	7/16"-20	04	7/16"-20
82-JCM-UNM-0405	04	7/16"-20	05	1/2"-20
82-JCM-UNM-0406	04	7/16"-20	06	9/16"-18
82-JCM-UNM-0408	04	7/16"-20	08	3/4"-16
82-JCM-UNM-0504	05	1/2"-20	04	7/16"-20
82-JCM-UNM-0505	05	1/2"-20	05	1/2"-20
82-JCM-UNM-0506	05	1/2"-20	06	9/16"-18
82-JCM-UNM-0604	06	9/16"-18	04	7/16"-20
82-JCM-UNM-0605	06	9/16"-18	05	1/2"-20
82-JCM-UNM-0606	06	9/16"-18	06	9/16"-18
82-JCM-UNM-0608	06	9/16"-18	08	3/4"-16
82-JCM-UNM-0610	06	9/16"-18	10	7/8"-14
82-JCM-UNM-0612	06	9/16"-18	12	1-1/16"-12
82-JCM-UNM-0804	08	3/4"-16	04	7/16"-20
82-JCM-UNM-0805	08	3/4"-16	05	1/2"-20
82-JCM-UNM-0806	08	3/4"-16	06	9/16"-18
82-JCM-UNM-0808	08	3/4"-16	08	3/4"-16
82-JCM-UNM-0810	08	3/4"-16	10	7/8"-14
82-JCM-UNM-0812	08	3/4"-16	12	1-1/16"-12
82-JCM-UNM-0816	08	3/4"-16	16	1-5/16"-12
82-JCM-UNM-1006	10	7/8"-14	06	9/16"-18
82-JCM-UNM-1008	10	7/8"-14	08	3/4"-16
82-JCM-UNM-1010	10	7/8"-14	10	7/8"-14
82-JCM-UNM-1012	10	7/8"-14	12	1-1/16"-12
82-JCM-UNM-1016	10	7/8"-14	16	1-5/16"-12
82-JCM-UNM-1020	10	7/8"-14	20	1-5/8"-12
82-JCM-UNM-1208	12	1-1/16"-12	08	3/4"-16
82-JCM-UNM-1210	12	1-1/16"-12	10	7/8"-14
82-JCM-UNM-1212	12	1-1/16"-12	12	1-1/16"-12
82-JCM-UNM-1214	12	1-1/16"-12	14	1-3/16"-12
82-JCM-UNM-1216	12	1-1/16"-12	16	1-5/16"-12
82-JCM-UNM-1220	12	1-1/16"-12	20	1-5/8"-12
82-JCM-UNM-1414	14	1-3/16"-12	14	1-3/16"-12
82-JCM-UNM-1612	16	1-5/16"-12	12	1-1/16"-12
82-JCM-UNM-1616	16	1-5/16"-12	16	1-5/16"-12

Continued on next page

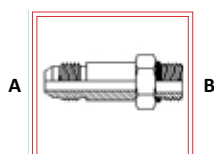
HYDRAULIC ADAPTORS

JIC MALE - UNO MALE HEX NIPPLE



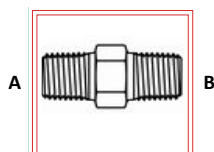
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-UNM-1620	16	1-5/16"-12	20	1-5/8"-12
82-JCM-UNM-1624	16	1-5/16"-12	24	1-7/8"-12
82-JCM-UNM-2010	20	1-5/8"-12	10	7/8"-14
82-JCM-UNM-2016	20	1-5/8"-12	16	1-5/16"-12
82-JCM-UNM-2020	20	1-5/8"-12	20	1-5/8"-12
82-JCM-UNM-2024	20	1-5/8"-12	24	1-7/8"-12
82-JCM-UNM-2420	24	1-7/8"-12	20	1-5/8"-12
82-JCM-UNM-2424	24	1-7/8"-12	24	1-7/8"-12
82-JCM-UNM-3232	32	2-1/2"-12	32	2-1/2"-12

JIC MALE - UNO MALE EXTENDED HEX NIPPLE



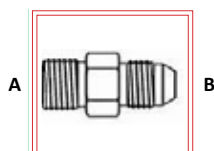
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-UNME-0606	06	9/16"-18	06	9/16"-18
82-JCM-UNME-0808	08	3/4"-16	08	3/4"-16
82-JCM-UNME-1010	10	7/8"-14	10	7/8"-14
82-JCM-UNME-1212	12	1-1/16"-12	12	1-1/16"-12

NPT MALE - NPT MALE HEX NIPPLE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-NPM-NPM-0202	02	1/8"-27	02	1/8"-27
82-NPM-NPM-0204	02	1/8"-27	04	1/4"-18
82-NPM-NPM-0206	02	1/8"-27	06	3/8"-18
82-NPM-NPM-0404	04	1/4"-18	04	1/4"-18
82-NPM-NPM-0406	04	1/4"-18	06	3/8"-18
82-NPM-NPM-0408	04	1/4"-18	08	1/2"-14
82-NPM-NPM-0606	06	3/8"-18	06	3/8"-18
82-NPM-NPM-0608	06	3/8"-18	08	1/2"-14
82-NPM-NPM-0808	08	1/2"-14	08	1/2"-14
82-NPM-NPM-0812	08	1/2"-14	12	3/4"-14
82-NPM-NPM-0816	08	1/2"-14	16	1"-11 1/2
82-NPM-NPM-1212	12	3/4"-14	12	3/4"-14
82-NPM-NPM-1216	12	3/4"-14	16	1"-11 1/2
82-NPM-NPM-1616	16	1"-11 1/2	16	1"-11 1/2
82-NPM-NPM-2020	20	1-1/4"-11 1/2	20	1-1/4"-11 1/2
82-NPM-NPM-2024	20	1-1/4"-11 1/2	24	1-1/2"-11 1/2
82-NPM-NPM-2424	24	1-1/2"-11 1/2	24	1-1/2"-11 1/2
82-NPM-NPM-3232	32	2"-11 1/2	32	2"-11 1/2

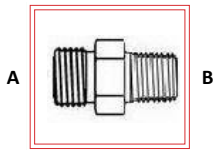
ORFS MALE - JIC MALE HEX NIPPLE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-OFM-JCM-0404	04	9/16"-18	04	7/16"-20
82-OFM-JCM-0606	06	11/16"-16	06	9/16"-18
82-OFM-JCM-0808	08	13/16"-16	08	3/4"-16
82-OFM-JCM-0810	08	13/16"-16	10	7/8"-14
82-OFM-JCM-1010	10	1"-14	10	7/8"-14
82-OFM-JCM-1212	12	1-3/16"-12	12	1-1/16"-12
82-OFM-JCM-1216	12	1-3/16"-12	16	1-5/16"-12
82-OFM-JCM-1616	16	1-7/16"-12	16	1-5/16"-12
82-OFM-JCM-2020	20	1-11/16"-12	20	1-5/8"-12

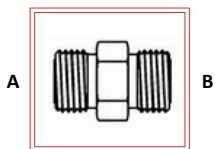
HYDRAULIC ADAPTORS

ORFS MALE - NPT MALE HEX NIPPLE



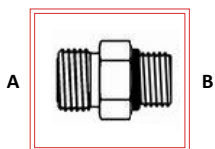
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-OFM-NPM-0604	06	11/16"-16	04	1/4"-18
82-OFM-NPM-0808	08	13/16"-16	08	1/2"-14
82-OFM-NPM-1008	10	1"-14	08	1/2"-14
82-OFM-NPM-1212	12	1-3/16"-12	12	3/4"-14
82-OFM-NPM-1616	16	1-7/16"-12	16	1"-11 1/2
82-OFM-NPM-2020	20	1-11/16"-12	20	1-1/4"-11 1/2

ORFS MALE - ORFS MALE HEX NIPPLE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-OFM-OFM-0404	04	9/16"-18	04	9/16"-18
82-OFM-OFM-0406	04	9/16"-18	06	11/16"-16
82-OFM-OFM-0606	06	11/16"-16	06	11/16"-16
82-OFM-OFM-0608	06	11/16"-16	08	13/16"-16
82-OFM-OFM-0808	08	13/16"-16	08	13/16"-16
82-OFM-OFM-0810	08	13/16"-16	10	1"-14
82-OFM-OFM-0812	08	13/16"-16	12	1-3/16"-12
82-OFM-OFM-1010	10	1"-14	10	1"-14
82-OFM-OFM-1012	10	1"-14	12	1-3/16"-12
82-OFM-OFM-1212	12	1-3/16"-12	12	1-3/16"-12
82-OFM-OFM-1216	12	1-3/16"-12	16	1-7/16"-12
82-OFM-OFM-1616	16	1-7/16"-12	16	1-7/16"-12
82-OFM-OFM-1620	16	1-7/16"-12	20	1-11/16"-12
82-OFM-OFM-2020	20	1-11/16"-12	20	1-11/16"-12

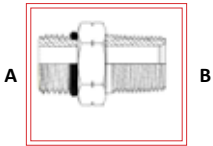
ORFS MALE - UNO MALE HEX NIPPLE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-OFM-UNM-0404	04	9/16"-18	04	7/16"-20
82-OFM-UNM-0406	04	9/16"-18	06	9/16"-18
82-OFM-UNM-0604	06	11/16"-16	04	7/16"-20
82-OFM-UNM-0606	06	11/16"-16	06	9/16"-18
82-OFM-UNM-0608	06	11/16"-16	08	3/4"-16
82-OFM-UNM-0610	06	11/16"-16	10	7/8"-14
82-OFM-UNM-0806	08	13/16"-16	06	9/16"-18
82-OFM-UNM-0808	08	13/16"-16	08	3/4"-16
82-OFM-UNM-0810	08	13/16"-16	10	7/8"-14
82-OFM-UNM-0812	08	13/16"-16	12	1-1/16"-12
82-OFM-UNM-0816	08	13/16"-16	16	1-5/16"-12
82-OFM-UNM-1008	10	1"-14	08	3/4"-16
82-OFM-UNM-1010	10	1"-14	10	7/8"-14
82-OFM-UNM-1012	10	1"-14	12	1-1/16"-12
82-OFM-UNM-1210	12	1-3/16"-12	10	7/8"-14
82-OFM-UNM-1212	12	1-3/16"-12	12	1-1/16"-12
82-OFM-UNM-1216	12	1-3/16"-12	16	1-5/16"-12
82-OFM-UNM-1612	16	1-7/16"-12	12	1-1/16"-12
82-OFM-UNM-1616	16	1-7/16"-12	16	1-5/16"-12
82-OFM-UNM-1620	16	1-7/16"-12	20	1-5/8"-12
82-OFM-UNM-2016	20	1-11/16"-12	16	1-5/16"-12
82-OFM-UNM-2020	20	1-11/16"-12	20	1-5/8"-12
82-OFM-UNM-2024	20	1-11/16"-12	24	1-7/8"-12

HYDRAULIC ADAPTORS

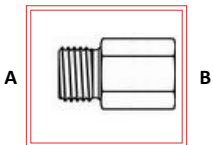
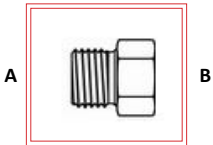
UNO MALE - NPT MALE HEX NIPPLE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-UNM-NPM-0606	06	11/16"-16	06	9/16"-18
82-UNM-NPM-0806	08	13/16"-16	06	9/16"-18
82-UNM-NPM-0808	08	13/16"-16	08	3/4"-16
82-UNM-NPM-0812	08	13/16"-16	12	1-1/16"-12
82-UNM-NPM-1008	10	1"-14	08	3/4"-16
82-UNM-NPM-1012	10	1"-14	12	1-1/16"-12
82-UNM-NPM-1208	12	1-3/16"-12	08	3/4"-16
82-UNM-NPM-1212	12	1-3/16"-12	12	1-1/16"-12

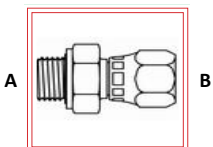
STRAIGHT MALE - FEMALE ADAPTORS & REDUCERS / EXPANDERS

BSPP MALE - BSPP FEMALE REDUCER / EXPANDER



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BPM-BPF-0204	02	1/8"-28	04	1/4"-19
82-BPM-BPF-0402	04	1/4"-19	02	1/8"-28
82-BPM-BPF-0404	04	1/4"-19	04	1/4"-19
82-BPM-BPF-0406	04	1/4"-19	06	3/8"-19
82-BPM-BPF-0602	06	3/8"-19	02	1/8"-28
82-BPM-BPF-0604	06	3/8"-19	04	1/4"-19
82-BPM-BPF-0606	06	3/8"-19	06	3/8"-19
82-BPM-BPF-0608	06	3/8"-19	08	1/2"-14
82-BPM-BPF-0804	08	1/2"-14	04	1/4"-19
82-BPM-BPF-0806	08	1/2"-14	06	3/8"-19
82-BPM-BPF-0808	08	1/2"-14	08	1/2"-14
82-BPM-BPF-0812	08	1/2"-14	12	3/4"-14
82-BPM-BPF-1204	12	3/4"-14	04	1/4"-19
82-BPM-BPF-1206	12	3/4"-14	06	3/8"-19
82-BPM-BPF-1208	12	3/4"-14	08	1/2"-14
82-BPM-BPF-1212	12	3/4"-14	12	3/4"-14
82-BPM-BPF-1216	12	3/4"-14	16	1"-11
82-BPM-BPF-1606	16	1"-11	06	3/8"-19
82-BPM-BPF-1608	16	1"-11	08	1/2"-14
82-BPM-BPF-1612	16	1"-11	12	3/4"-14
82-BPM-BPF-1616	16	1"-11	16	1"-11
82-BPM-BPF-1620	16	1"-11	20	1-1/4"-11
82-BPM-BPF-2008	20	1-1/4"-11	08	1/2"-14
82-BPM-BPF-2012	20	1-1/4"-11	12	3/4"-14
82-BPM-BPF-2016	20	1-1/4"-11	16	1"-11
82-BPM-BPF-2020	20	1-1/4"-11	20	1-1/4"-11
82-BPM-BPF-2416	24	1-1/2"-11	16	1"-11
82-BPM-BPF-2420	24	1-1/2"-11	20	1-1/4"-11

BSPP MALE - BSP FEMALE SWIVEL

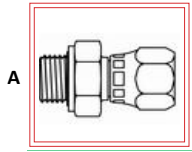


PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BPM-BPFX-0404	04	1/4"-19	04	1/4"-19
82-BPM-BPFX-0604	06	3/8"-19	04	1/4"-19
82-BPM-BPFX-0606	06	3/8"-19	06	3/8"-19
82-BPM-BPFX-0608	06	3/8"-19	08	1/2"-14

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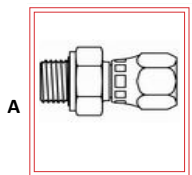
HYDRAULIC ADAPTORS

BSPP MALE - BSP FEMALE SWIVEL



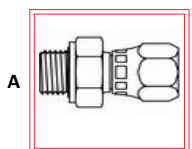
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BPM-BPFX-0806	08	1/2"-14	06	3/8"-19
82-BPM-BPFX-0808	08	1/2"-14	08	1/2"-14
82-BPM-BPFX-1212	12	3/4"-14	12	3/4"-14
82-BPM-BPFX-1616	16	1"-11	16	1"-11
82-BPM-BPFX-2020	20	1-1/4"-11	20	1-1/4"-11
82-BPM-BPFX-2424	24	1-1/2"-11	24	1-1/2"-11

BSPP MALE - JIC FEMALE SWIVEL



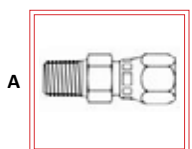
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BPM-JCFX-0404	04	1/4"-19	04	7/16"-20
82-BPM-JCFX-0406	04	1/4"-19	06	9/16"-18
82-BPM-JCFX-0604	06	3/8"-19	04	7/16"-20
82-BPM-JCFX-0606	06	3/8"-19	06	9/16"-18
82-BPM-JCFX-0608	06	3/8"-19	08	3/4"-16
82-BPM-JCFX-0610	06	3/8"-19	10	7/8"-14
82-BPM-JCFX-0806	08	1/2"-14	06	9/16"-18
82-BPM-JCFX-0808	08	1/2"-14	08	3/4"-16
82-BPM-JCFX-0810	08	1/2"-14	10	7/8"-14
82-BPM-JCFX-0812	08	1/2"-14	12	1-1/16"-12
82-BPM-JCFX-1210	12	3/4"-14	10	7/8"-14
82-BPM-JCFX-1212	12	3/4"-14	12	1-1/16"-12
82-BPM-JCFX-1216	12	3/4"-14	16	1-5/16"-12
82-BPM-JCFX-1612	16	1"-11	12	1-1/16"-12
82-BPM-JCFX-1616	16	1"-11	16	1-5/16"-12
82-BPM-JCFX-2016	20	1-1/4"-11	16	1-5/16"-12
82-BPM-JCFX-2020	20	1-1/4"-11	20	1-5/8"-12
82-BPM-JCFX-2424	24	1-1/2"-11	24	1-7/8"-12

BSPP MALE - ORFS FEMALE SWIVEL



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BPM-OFFX-0404	04	1/4"-19	04	9/16"-18
82-BPM-OFFX-0406	04	1/4"-19	06	11/16"-16
82-BPM-OFFX-0606	06	3/8"-19	06	11/16"-16
82-BPM-OFFX-0808	08	1/2"-14	08	13/16"-16
82-BPM-OFFX-0810	08	1/2"-14	10	1"-14
82-BPM-OFFX-1212	12	3/4"-14	12	1-3/16"-12

BSPT MALE - BSP FEMALE SWIVEL

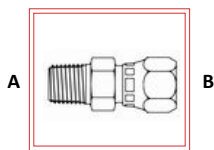


PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-BPFX-0202	02	1/8"-28	02	1/8"-28
82-BTM-BPFX-0204	02	1/8"-28	04	1/4"-19
82-BTM-BPFX-0404	04	1/4"-19	04	1/4"-19
82-BTM-BPFX-0406	04	1/4"-19	06	3/8"-19
82-BTM-BPFX-0408	04	1/4"-19	08	1/2"-14
82-BTM-BPFX-0604	06	3/8"-19	04	1/4"-19
82-BTM-BPFX-0606	06	3/8"-19	06	3/8"-19
82-BTM-BPFX-0608	06	3/8"-19	08	1/2"-14
82-BTM-BPFX-0804	08	1/2"-14	04	1/4"-19
82-BTM-BPFX-0806	08	1/2"-14	06	3/8"-19
82-BTM-BPFX-0808	08	1/2"-14	08	1/2"-14

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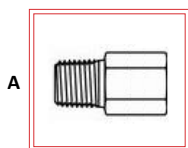
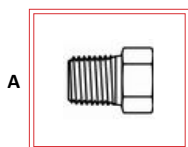
HYDRAULIC ADAPTORS

BSPT MALE - BSP FEMALE SWIVEL



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-BPFX-0812	08	1/2"-14	12	3/4"-14
82-BTM-BPFX-1208	12	3/4"-14	08	1/2"-14
82-BTM-BPFX-1212	12	3/4"-14	12	3/4"-14
82-BTM-BPFX-1216	12	3/4"-14	16	1"-11
82-BTM-BPFX-1612	16	1"-11	12	3/4"-14
82-BTM-BPFX-1616	16	1"-11	16	1"-11
82-BTM-BPFX-1620	16	1"-11	20	1-1/4"-11
82-BTM-BPFX-2020	20	1-1/4"-11	20	1-1/4"-11
82-BTM-BPFX-2424	24	1-1/2"-11	24	1-1/2"-11

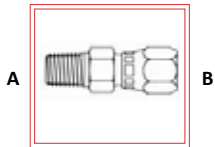
BSPT MALE - BSPT FEMALE REDUCER / EXPANDER



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-BTF-0202	02	1/8"-28	02	1/8"-28
82-BTM-BTF-0204	02	1/8"-28	04	1/4"-19
82-BTM-BTF-0402	04	1/4"-19	02	1/8"-28
82-BTM-BTF-0404	04	1/4"-19	04	1/4"-19
82-BTM-BTF-0406	04	1/4"-19	06	3/8"-19
82-BTM-BTF-0408	04	1/4"-19	08	1/2"-14
82-BTM-BTF-0602	06	3/8"-19	02	1/8"-28
82-BTM-BTF-0604	06	3/8"-19	04	1/4"-19
82-BTM-BTF-0606	06	3/8"-19	06	3/8"-19
82-BTM-BTF-0608	06	3/8"-19	08	1/2"-14
82-BTM-BTF-0802	08	1/2"-14	02	1/8"-28
82-BTM-BTF-0804	08	1/2"-14	04	1/4"-19
82-BTM-BTF-0806	08	1/2"-14	06	3/8"-19
82-BTM-BTF-0808	08	1/2"-14	08	1/2"-14
82-BTM-BTF-0812	08	1/2"-14	12	3/4"-14
82-BTM-BTF-1204	12	3/4"-14	04	1/4"-19
82-BTM-BTF-1206	12	3/4"-14	06	3/8"-19
82-BTM-BTF-1208	12	3/4"-14	08	1/2"-14
82-BTM-BTF-1212	12	3/4"-14	12	3/4"-14
82-BTM-BTF-1216	12	3/4"-14	16	1"-11
82-BTM-BTF-1604	16	1"-11	04	1/4"-19
82-BTM-BTF-1606	16	1"-11	06	3/8"-19
82-BTM-BTF-1608	16	1"-11	08	1/2"-14
82-BTM-BTF-1612	16	1"-11	12	3/4"-14
82-BTM-BTF-1616	16	1"-11	16	1"-11
82-BTM-BTF-1620	16	1"-11	20	1-1/4"-11
82-BTM-BTF-2008	20	1-1/4"-11	08	1/2"-14
82-BTM-BTF-2012	20	1-1/4"-11	12	3/4"-14
82-BTM-BTF-2016	20	1-1/4"-11	16	1"-11
82-BTM-BTF-2020	20	1-1/4"-11	20	1-1/4"-11
82-BTM-BTF-2412	24	1-1/2"-11	12	3/4"-14
82-BTM-BTF-2416	24	1-1/2"-11	16	1"-11
82-BTM-BTF-2420	24	1-1/2"-11	20	1-1/4"-11
82-BTM-BTF-3216	32	2"-11	16	1"-11
82-BTM-BTF-3220	32	2"-11	20	1-1/4"-11
82-BTM-BTF-3224	32	2"-11	24	1-1/2"-11

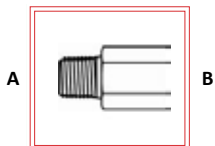
HYDRAULIC ADAPTORS

BSPT MALE - JIC FEMALE SWIVEL



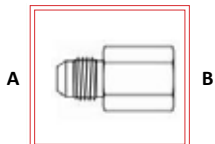
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-JCFX-0204	02	1/8"-28	04	7/16"-20
82-BTM-JCFX-0404	04	1/4"-19	04	7/16"-20
82-BTM-JCFX-0406	04	1/4"-19	06	9/16"-18
82-BTM-JCFX-0606	06	3/8"-19	06	9/16"-18
82-BTM-JCFX-0608	06	3/8"-19	08	3/4"-16
82-BTM-JCFX-0610	06	3/8"-19	10	7/8"-14
82-BTM-JCFX-0806	08	1/2"-14	06	9/16"-18
82-BTM-JCFX-0808	08	1/2"-14	08	3/4"-16
82-BTM-JCFX-0810	08	1/2"-14	10	7/8"-14
82-BTM-JCFX-0812	08	1/2"-14	12	1-1/16"-12
82-BTM-JCFX-1212	12	3/4"-14	12	1-1/16"-12
82-BTM-JCFX-1216	12	3/4"-14	16	1-5/16"-12
82-BTM-JCFX-1612	16	1"-11	12	1-1/16"-12
82-BTM-JCFX-1616	16	1"-11	16	1-5/16"-12
82-BTM-JCFX-2020	20	1-1/4"-11	20	1-5/8"-12

BSPT MALE - NPT FIXED FEMALE



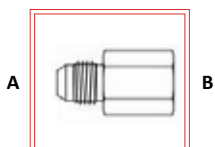
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-NPF-0202	02	1/8"-28	02	1/8"-27
82-BTM-NPF-0404	04	1/4"-19	04	1/4"-18
82-BTM-NPF-0606	06	3/8"-19	06	3/8"-18
82-BTM-NPF-0808	08	1/2"-14	08	1/2"-14
82-BTM-NPF-1212	12	3/4"-14	12	3/4"-14
82-BTM-NPF-1616	16	1"-11	16	1"-11 1/2

JIC MALE - BSPT FIXED FEMALE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-BTF-0402	04	7/16"-20	02	1/8"-28
82-JCM-BTF-0404	04	7/16"-20	04	1/4"-19
82-JCM-BTF-0604	06	9/16"-18	04	1/4"-19
82-JCM-BTF-0606	06	9/16"-18	06	3/8"-19
82-JCM-BTF-0608	06	9/16"-18	08	1/2"-14
82-JCM-BTF-0806	08	3/4"-16	06	3/8"-19
82-JCM-BTF-0808	08	3/4"-16	08	1/2"-14
82-JCM-BTF-1008	10	7/8"-14	08	1/2"-14
82-JCM-BTF-1208	12	1-1/16"-12	08	1/2"-14
82-JCM-BTF-1212	12	1-1/16"-12	12	3/4"-14
82-JCM-BTF-1616	16	1-5/16"-12	16	1"-11

JIC MALE - JIC FIXED FEMALE

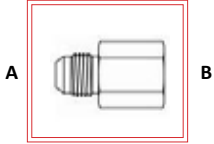


PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-JCF-0405	04	7/16"-20	05	1/2"-20
82-JCM-JCF-0406	04	7/16"-20	06	9/16"-18
82-JCM-JCF-0408	04	7/16"-20	08	3/4"-16
82-JCM-JCF-0410	04	7/16"-20	10	7/8"-14
82-JCM-JCF-0416	04	7/16"-20	16	1-5/16"-12
82-JCM-JCF-0604	06	9/16"-18	04	7/16"-20
82-JCM-JCF-0608	06	9/16"-18	08	3/4"-16
82-JCM-JCF-0610	06	9/16"-18	10	7/8"-14
82-JCM-JCF-0612	06	9/16"-18	12	1-1/16"-12

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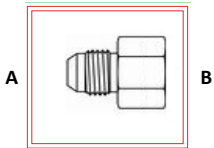
HYDRAULIC ADAPTORS

JIC MALE - JIC FIXED FEMALE



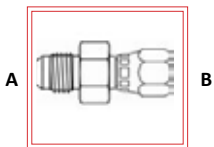
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-JCF-0616	06	9/16"-18	16	1-5/16"-12
82-JCM-JCF-0804	08	3/4"-16	04	7/16"-20
82-JCM-JCF-0806	08	3/4"-16	06	9/16"-18
82-JCM-JCF-0810	08	3/4"-16	10	7/8"-14
82-JCM-JCF-0812	08	3/4"-16	12	1-1/16"-12
82-JCM-JCF-0816	08	3/4"-16	16	1-5/16"-12
82-JCM-JCF-1006	10	7/8"-14	06	9/16"-18
82-JCM-JCF-1008	10	7/8"-14	08	3/4"-16
82-JCM-JCF-1012	10	7/8"-14	12	1-1/16"-12
82-JCM-JCF-1016	10	7/8"-14	16	1-5/16"-12
82-JCM-JCF-1208	12	1-1/16"-12	08	3/4"-16
82-JCM-JCF-1210	12	1-1/16"-12	10	7/8"-14
82-JCM-JCF-1216	12	1-1/16"-12	16	1-5/16"-12
82-JCM-JCF-1220	12	1-1/16"-12	20	1-5/8"-12
82-JCM-JCF-1610	16	1-5/16"-12	10	7/8"-14
82-JCM-JCF-1612	16	1-5/16"-12	12	1-1/16"-12
82-JCM-JCF-1620	16	1-5/16"-12	20	1-5/8"-12
82-JCM-JCF-1624	16	1-5/16"-12	24	1-7/8"-12
82-JCM-JCF-2016	20	1-5/8"-12	16	1-5/16"-12
82-JCM-JCF-2024	20	1-5/8"-12	24	1-7/8"-12
82-JCM-JCF-2432	24	1-7/8"-12	32	2-1/2"-12

JIC MALE - JIC FEMALE SWIVEL NUT



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-JCFS-0406	04	7/16"-20	06	9/16"-18
82-JCM-JCFS-0408	04	7/16"-20	08	3/4"-16
82-JCM-JCFS-0410	04	7/16"-20	10	7/8"-14
82-JCM-JCFS-0608	06	9/16"-18	08	3/4"-16
82-JCM-JCFS-0610	06	9/16"-18	10	7/8"-14
82-JCM-JCFS-0612	06	9/16"-18	12	1-1/16"-12
82-JCM-JCFS-0616	06	9/16"-18	16	1-5/16"-12
82-JCM-JCFS-0812	08	3/4"-16	12	1-1/16"-12
82-JCM-JCFS-0816	08	3/4"-16	16	1-5/16"-12
82-JCM-JCFS-1016	10	7/8"-14	16	1-5/16"-12
82-JCM-JCFS-1216	12	1-1/16"-12	16	1-5/16"-12
82-JCM-JCFS-1220	12	1-1/16"-12	20	1-5/8"-12
82-JCM-JCFS-1620	16	1-5/16"-12	20	1-5/8"-12

JIC MALE - JIC FEMALE SWIVEL

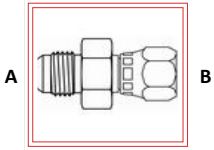


PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-JCFX-0404	04	7/16"-20	04	7/16"-20
82-JCM-JCFX-0408	04	7/16"-20	08	3/4"-16
82-JCM-JCFX-0604	06	9/16"-18	04	7/16"-20
82-JCM-JCFX-0606	06	9/16"-18	06	9/16"-18
82-JCM-JCFX-0608	06	9/16"-18	08	3/4"-16
82-JCM-JCFX-0806	08	3/4"-16	06	9/16"-18
82-JCM-JCFX-0808	08	3/4"-16	08	3/4"-16
82-JCM-JCFX-0812	08	3/4"-16	12	1-1/16"-12
82-JCM-JCFX-1010	10	7/8"-14	10	7/8"-14
82-JCM-JCFX-1208	12	1-1/16"-12	08	3/4"-16
82-JCM-JCFX-1212	12	1-1/16"-12	12	1-1/16"-12
82-JCM-JCFX-1616	16	1-5/16"-12	16	1-5/16"-12

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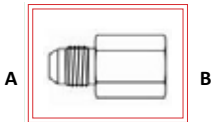
HYDRAULIC ADAPTORS

JIC MALE - JIC FEMALE SWIVEL



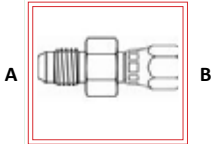
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-JCFX-2016	20	1-5/8"-12	16	1-5/16"-12
82-JCM-JCFX-2020	20	1-5/8"-12	20	1-5/8"-12
82-JCM-JCFX-2024	20	1-5/8"-12	24	1-7/8"-12
82-JCM-JCFX-2424	24	1-7/8"-12	24	1-7/8"-12
82-JCM-JCFX-3232	32	2-1/2"-12	32	2-1/2"-12

JIC MALE - NPT FIXED FEMALE



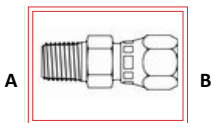
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-NPF-0402	04	7/16"-20	02	1/8"-27
82-JCM-NPF-0404	04	7/16"-20	04	1/4"-18
82-JCM-NPF-0502	05	1/2"-20	02	1/8"-27
82-JCM-NPF-0602	06	9/16"-18	02	1/8"-27
82-JCM-NPF-0604	06	9/16"-18	04	1/4"-18
82-JCM-NPF-0606	06	9/16"-18	06	3/8"-18
82-JCM-NPF-0808	08	3/4"-16	08	1/2"-14
82-JCM-NPF-1008	10	7/8"-14	08	1/2"-14
82-JCM-NPF-1208	12	1-1/16"-12	08	1/2"-14
82-JCM-NPF-1212	12	1-1/16"-12	12	3/4"-14
82-JCM-NPF-1616	16	1-5/16"-12	16	1"-11 1/2
82-JCM-NPF-2020	20	1-5/8"-12	20	1-1/4"-11 1/2

JIC MALE - ORFS FEMALE SWIVEL



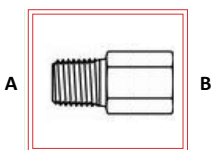
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-OFFX-0404	04	7/16"-20	04	9/16"-18
82-JCM-OFFX-0606	06	9/16"-18	06	11/16"-16
82-JCM-OFFX-0808	08	3/4"-16	08	13/16"-16
82-JCM-OFFX-1010	10	7/8"-14	10	1"-14
82-JCM-OFFX-1212	12	1-1/16"-12	12	1-3/16"-12
82-JCM-OFFX-1616	16	1-5/16"-12	16	1-7/16"-12
82-JCM-OFFX-2020	20	1-5/8"-12	20	1-11/16"-12

NPT MALE - JIC FEMALE SWIVEL



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-NPM-JCFX-0404	04	1/4"-18	04	7/16"-20
82-NPM-JCFX-0406	04	1/4"-18	06	9/16"-18
82-NPM-JCFX-0604	06	3/8"-18	04	7/16"-20
82-NPM-JCFX-0606	06	3/8"-18	06	9/16"-18
82-NPM-JCFX-0808	08	1/2"-14	08	3/4"-16

NPT MALE - NPT FEMALE REDUCER / EXPANDER

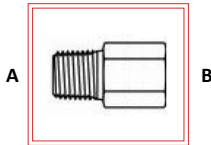


PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-NPM-NPF-0202	02	1/8"-27	02	1/8"-27
82-NPM-NPF-0204	02	1/8"-27	04	1/4"-18
82-NPM-NPF-0206	02	1/8"-27	06	3/8"-18
82-NPM-NPF-0402	04	1/4"-18	02	1/8"-27
82-NPM-NPF-0404	04	1/4"-18	04	1/4"-18
82-NPM-NPF-0406	04	1/4"-18	06	3/8"-18
82-NPM-NPF-0602	06	3/8"-18	02	1/8"-27

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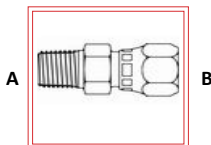
HYDRAULIC ADAPTORS

NPT MALE - NPT FEMALE REDUCER / EXPANDER



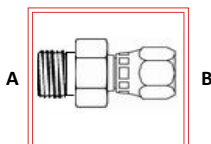
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-NPM-NPF-0604	06	3/8"-18	04	1/4"-18
82-NPM-NPF-0606	06	3/8"-18	06	3/8"-18
82-NPM-NPF-0608	06	3/8"-18	08	1/2"-14
82-NPM-NPF-0802	08	1/2"-14	02	1/8"-27
82-NPM-NPF-0804	08	1/2"-14	04	1/4"-18
82-NPM-NPF-0806	08	1/2"-14	06	3/8"-18
82-NPM-NPF-0808	08	1/2"-14	08	1/2"-14
82-NPM-NPF-0812	08	1/2"-14	12	3/4"-14
82-NPM-NPF-1204	12	3/4"-14	04	1/4"-18
82-NPM-NPF-1206	12	3/4"-14	06	3/8"-18
82-NPM-NPF-1208	12	3/4"-14	08	1/2"-14
82-NPM-NPF-1212	12	3/4"-14	12	3/4"-14
82-NPM-NPF-1606	16	1"-11 1/2	06	3/8"-18
82-NPM-NPF-1608	16	1"-11 1/2	08	1/2"-14
82-NPM-NPF-1612	16	1"-11 1/2	12	3/4"-14
82-NPM-NPF-1616	16	1"-11 1/2	16	1"-11 1/2
82-NPM-NPF-2012	20	1-1/4"-11 1/2	12	3/4"-14
82-NPM-NPF-2016	20	1-1/4"-11 1/2	16	1"-11 1/2
82-NPM-NPF-2020	20	1-1/4"-11 1/2	20	1-1/4"-11 1/2
82-NPM-NPF-2412	24	1-1/2"-11 1/2	12	3/4"-14
82-NPM-NPF-2416	24	1-1/2"-11 1/2	16	1"-11 1/2
82-NPM-NPF-2420	24	1-1/2"-11 1/2	20	1-1/4"-11 1/2
82-NPM-NPF-3216	32	2"-11 1/2	16	1"-11 1/2
82-NPM-NPF-3220	32	2"-11 1/2	20	1-1/4"-11 1/2
82-NPM-NPF-3224	32	2"-11 1/2	24	1-1/2"-11 1/2

NPT MALE - NPSM FEMALE SWIVEL



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-NPM-NSFX-0404	04	1/4"-18	04	1/4"-18
82-NPM-NSFX-0606	06	3/8"-18	06	3/8"-18
82-NPM-NSFX-0808	08	1/2"-14	08	1/2"-14
82-NPM-NSFX-1208	12	3/4"-14	08	1/2"-14
82-NPM-NSFX-1212	12	3/4"-14	12	3/4"-14
82-NPM-NSFX-1216	12	3/4"-14	16	1"-11 1/2
82-NPM-NSFX-1616	16	1"-11 1/2	16	1"-11 1/2
82-NPM-NSFX-2020	20	1-1/4"-11 1/2	20	1-1/4"-11 1/2

ORFS MALE - ORFS FEMALE SWIVEL

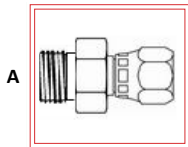


PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-OFM-OFFX-0404	04	9/16"-18	04	9/16"-18
82-OFM-OFFX-0406	04	9/16"-18	06	11/16"-16
82-OFM-OFFX-0408	04	9/16"-18	08	13/16"-16
82-OFM-OFFX-0410	04	9/16"-18	10	1"-14
82-OFM-OFFX-0412	04	9/16"-18	12	1-3/16"-12
82-OFM-OFFX-0606	06	11/16"-16	06	11/16"-16
82-OFM-OFFX-0608	06	11/16"-16	08	13/16"-16
82-OFM-OFFX-0610	06	11/16"-16	10	1"-14
82-OFM-OFFX-0612	06	11/16"-16	12	1-3/16"-12
82-OFM-OFFX-0810	08	13/16"-16	10	1"-14
82-OFM-OFFX-0812	08	13/16"-16	12	1-3/16"-12
82-OFM-OFFX-0816	08	13/16"-16	16	1-7/16"-12
82-OFM-OFFX-0820	08	13/16"-16	20	1-11/16"-12

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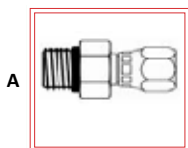
HYDRAULIC ADAPTORS

ORFS MALE - ORFS FEMALE SWIVEL



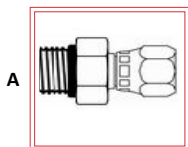
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-OFM-OFFX-1012	10	1"-14	12	1-3/16"-12
82-OFM-OFFX-1016	10	1"-14	16	1-7/16"-12
82-OFM-OFFX-1216	12	1-3/16"-12	16	1-7/16"-12
82-OFM-OFFX-1220	12	1-3/16"-12	20	1-11/16"-12
82-OFM-OFFX-1620	16	1-7/16"-12	20	1-11/16"-12

UNO MALE - BSP FEMALE SWIVEL



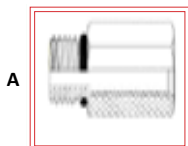
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-UNM-BPFX-0404	04	7/16"-20	04	1/4"-19
82-UNM-BPFX-0604	06	9/16"-18	04	1/4"-19
82-UNM-BPFX-0606	06	9/16"-18	06	3/8"-19
82-UNM-BPFX-0806	08	3/4"-16	06	3/8"-19
82-UNM-BPFX-0808	08	3/4"-16	08	1/2"-14
82-UNM-BPFX-1008	10	7/8"-14	08	1/2"-14
82-UNM-BPFX-1212	12	1-1/16"-12	12	3/4"-14
82-UNM-BPFX-1216	12	1-1/16"-12	16	1"-11

UNO MALE - JIC FEMALE SWIVEL



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-UNM-JCFX-0404	04	7/16"-20	04	7/16"-20
82-UNM-JCFX-0606	06	9/16"-18	06	9/16"-18
82-UNM-JCFX-0608	06	9/16"-18	08	3/4"-16
82-UNM-JCFX-0806	08	3/4"-16	06	9/16"-18
82-UNM-JCFX-0808	08	3/4"-16	08	3/4"-16
82-UNM-JCFX-0810	08	3/4"-16	10	7/8"-14
82-UNM-JCFX-1008	10	7/8"-14	08	3/4"-16
82-UNM-JCFX-1010	10	7/8"-14	10	7/8"-14
82-UNM-JCFX-1212	12	1-1/16"-12	12	1-1/16"-12
82-UNM-JCFX-1616	16	1-5/16"-12	16	1-5/16"-12
82-UNM-JCFX-2020	20	1-5/8"-12	20	1-5/8"-12

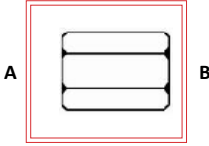
UNO MALE - FEMALE REDUCER / EXPANDER



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-UNM-UNF-0406	04	1/4"-19	06	3/8"-19
82-UNM-UNF-0806	08	1/2"-14	06	3/8"-19
82-UNM-UNF-0808	08	1/2"-14	08	1/2"-14
82-UNM-UNF-1004	10	5/8"-14	04	1/4"-19
82-UNM-UNF-1206	12	3/4"-14	06	3/8"-19
82-UNM-UNF-1210	12	3/4"-14	10	5/8"-14
82-UNM-UNF-1608	16	1"-11	08	1/2"-14
82-UNM-UNF-1610	16	1"-11	10	5/8"-14
82-UNM-UNF-2408	24	1-1/2"-11	08	1/2"-14
82-UNM-UNF-2412	24	1-1/2"-11	12	3/4"-14

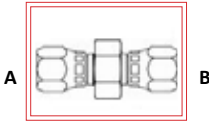
STRAIGHT FEMALE - FEMALE ADAPTORS & SOCKETS

BSPP FEMALE - BSPP FEMALE SOCKET



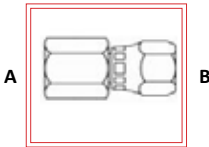
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BPF-BPF-0404	04	1/4"-19	04	1/4"-19
82-BPF-BPF-0606	06	3/8"-19	06	3/8"-19
82-BPF-BPF-0808	08	1/2"-14	08	1/2"-14
82-BPF-BPF-1212	12	3/4"-14	12	3/4"-14
82-BPF-BPF-1616	16	1"-11	16	1"-11
82-BPF-BPF-2020	20	1-1/4"-11	20	1-1/4"-11

BSP FEMALE - BSP FEMALE SWIVEL



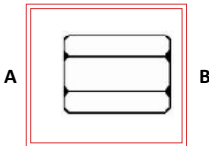
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BPFX-BPFX-0404	04	1/4"-19	04	1/4"-19
82-BPFX-BPFX-0606	06	3/8"-19	06	3/8"-19
82-BPFX-BPFX-0808	08	1/2"-14	08	1/2"-14

BSPT FIXED FEMALE - BSP FEMALE SWIVEL



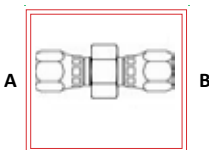
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTF-BPFX-0404	04	1/4"-19	04	1/4"-19
82-BTF-BPFX-0606	06	3/8"-19	06	3/8"-19
82-BTF-BPFX-0806	08	1/2"-14	06	3/8"-19
82-BTF-BPFX-0808	08	1/2"-14	08	1/2"-14
82-BTF-BPFX-1212	12	3/4"-14	12	3/4"-14
82-BTF-BPFX-1616	16	1"-11	16	1"-11

BSPT FEMALE - BSPT FEMALE SOCKET



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTF-BTF-0202	02	1/8"-28	02	1/8"-28
82-BTF-BTF-0204	02	1/8"-28	04	1/4"-19
82-BTF-BTF-0206	02	1/8"-28	06	3/8"-19
82-BTF-BTF-0404	04	1/4"-19	04	1/4"-19
82-BTF-BTF-0406	04	1/4"-19	06	3/8"-19
82-BTF-BTF-0408	04	1/4"-19	08	1/2"-14
82-BTF-BTF-0606	06	3/8"-19	06	3/8"-19
82-BTF-BTF-0608	06	3/8"-19	08	1/2"-14
82-BTF-BTF-0808	08	1/2"-14	08	1/2"-14
82-BTF-BTF-0812	08	1/2"-14	12	3/4"-14
82-BTF-BTF-1212	12	3/4"-14	12	3/4"-14
82-BTF-BTF-1216	12	3/4"-14	16	1"-11
82-BTF-BTF-1616	16	1"-11	16	1"-11
82-BTF-BTF-2020	20	1-1/4"-11	20	1-1/4"-11
82-BTF-BTF-2424	24	1-1/2"-11	24	1-1/2"-11
82-BTF-BTF-3232	32	2"-11	32	2"-11

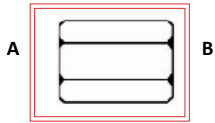
JIC FEMALE - JIC FEMALE SWIVEL



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCFX-JCFX-0404	04	7/16"-20	04	7/16"-20
82-JCFX-JCFX-0606	06	9/16"-18	06	9/16"-18
82-JCFX-JCFX-0808	08	3/4"-16	08	3/4"-16
82-JCFX-JCFX-1010	10	7/8"-14	10	7/8"-14
82-JCFX-JCFX-1212	12	1-1/16"-12	12	1-1/16"-12
82-JCFX-JCFX-1616	16	1-5/16"-12	16	1-5/16"-12
82-JCFX-JCFX-2020	20	1-5/8"-12	20	1-5/8"-12

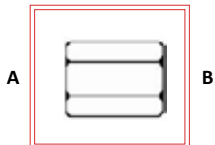
HYDRAULIC ADAPTORS

NPT FEMALE - NPT FEMALE SOCKET



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-NPF-NPF-0202	02	1/8"-27	02	1/8"-27
82-NPF-NPF-0404	04	1/4"-18	04	1/4"-18
82-NPF-NPF-0406	04	1/4"-18	06	3/8"-18
82-NPF-NPF-0408	04	1/4"-18	08	1/2"-14
82-NPF-NPF-0606	06	3/8"-18	06	3/8"-18
82-NPF-NPF-0608	06	3/8"-18	08	1/2"-14
82-NPF-NPF-0808	08	1/2"-14	08	1/2"-14
82-NPF-NPF-1212	12	3/4"-14	12	3/4"-14
82-NPF-NPF-1616	16	1"-11 1/2	16	1"-11 1/2
82-NPF-NPF-2020	20	1-1/4"-11 1/2	20	1-1/4"-11 1/2
82-NPF-NPF-2424	24	1-1/2"-11 1/2	24	1-1/2"-11 1/2
82-NPF-NPF-3232	32	2"-11 1/2	32	2"-11 1/2

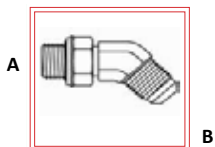
UNO FEMALE - UNO FEMALE SOCKET



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-UNF-UNF-0404	04	7/16"-20	04	7/16"-20
82-UNF-UNF-0606	06	9/16"-18	06	9/16"-18
82-UNF-UNF-0808	08	3/4"-16	08	3/4"-16
82-UNF-UNF-1010	10	7/8"-14	10	7/8"-14
82-UNF-UNF-1212	12	1-1/16"-12	12	1-1/16"-12
82-UNF-UNF-1616	16	1-5/16"-12	16	1-5/16"-12

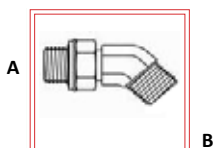
45 DEGREE MALE ADAPTORS

BSPP MALE - JIC MALE 45° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BPM-JCM45-0404	04	1/4"-19	04	7/16"-20
82-BPM-JCM45-0406	04	1/4"-19	06	9/16"-18
82-BPM-JCM45-0606	06	3/8"-19	06	9/16"-18
82-BPM-JCM45-0608	06	3/8"-19	08	3/4"-16
82-BPM-JCM45-0806	08	1/2"-14	06	9/16"-18
82-BPM-JCM45-0808	08	1/2"-14	08	3/4"-16
82-BPM-JCM45-0810	08	1/2"-14	10	7/8"-14
82-BPM-JCM45-1212	12	3/4"-14	12	1-1/16"-12
82-BPM-JCM45-1616	16	1"-11	16	1-5/16"-12
82-BPM-JCM45-2020	20	1-1/4"-11	20	1-5/8"-12
82-BPM-JCM45-2424	24	1-1/2"-11	24	1-7/8"-12

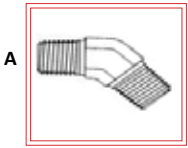
BSPP MALE - ORFS MALE 45° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BPM-OFM45-0404	04	1/4"-19	04	9/16"-18
82-BPM-OFM45-0406	04	1/4"-19	06	11/16"-16
82-BPM-OFM45-0606	06	3/8"-19	06	11/16"-16
82-BPM-OFM45-0808	08	1/2"-14	08	13/16"-16
82-BPM-OFM45-0810	08	1/2"-14	10	1"-14

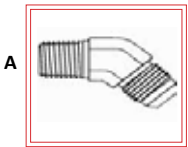
HYDRAULIC ADAPTORS

BSPT MALE - BSPT MALE 45° ELBOW



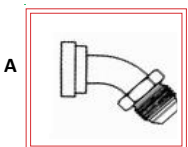
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-BTM45-0202	02	1/8"-28	02	1/8"-28
82-BTM-BTM45-0204	02	1/8"-28	04	1/4"-19
82-BTM-BTM45-0404	04	1/4"-19	04	1/4"-19
82-BTM-BTM45-0406	04	1/4"-19	06	3/8"-19
82-BTM-BTM45-0606	06	3/8"-19	06	3/8"-19
82-BTM-BTM45-0608	06	3/8"-19	08	1/2"-14
82-BTM-BTM45-0808	08	1/2"-14	08	1/2"-14
82-BTM-BTM45-0812	08	1/2"-14	12	3/4"-14
82-BTM-BTM45-1212	12	3/4"-14	12	3/4"-14
82-BTM-BTM45-1216	12	3/4"-14	16	1"-11
82-BTM-BTM45-1616	16	1"-11	16	1"-11

BSPT MALE - JIC MALE 45° ELBOW



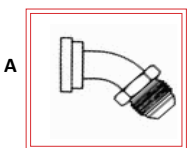
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-JCM45-0204	02	1/8"-28	04	7/16"-20
82-BTM-JCM45-0206	02	1/8"-28	06	9/16"-18
82-BTM-JCM45-0404	04	1/4"-19	04	7/16"-20
82-BTM-JCM45-0406	04	1/4"-19	06	9/16"-18
82-BTM-JCM45-0408	04	1/4"-19	08	3/4"-16
82-BTM-JCM45-0604	06	3/8"-19	04	7/16"-20
82-BTM-JCM45-0606	06	3/8"-19	06	9/16"-18
82-BTM-JCM45-0608	06	3/8"-19	08	3/4"-16
82-BTM-JCM45-0610	06	3/8"-19	10	7/8"-14
82-BTM-JCM45-0806	08	1/2"-14	06	9/16"-18
82-BTM-JCM45-0808	08	1/2"-14	08	3/4"-16
82-BTM-JCM45-0810	08	1/2"-14	10	7/8"-14
82-BTM-JCM45-0812	08	1/2"-14	12	1-1/16"-12
82-BTM-JCM45-1208	12	3/4"-14	08	3/4"-16
82-BTM-JCM45-1210	12	3/4"-14	10	7/8"-14
82-BTM-JCM45-1212	12	3/4"-14	12	1-1/16"-12
82-BTM-JCM45-1216	12	3/4"-14	16	1-5/16"-12
82-BTM-JCM45-1616	16	1"-11	16	1-5/16"-12
82-BTM-JCM45-2020	20	1-1/4"-11	20	1-5/8"-12

CODE 62 FLANGE - JIC MALE 45° SWEEP ELBOW



PART NUMBER	DASH SIZE A	FLANGE SIZE A	DASH SIZE B	THREAD SIZE B
82-FH-JCM45S-1212	12	3/4"	12	1-1/16"-12
82-FH-JCM45S-1612	16	1"	12	1-1/16"-12
82-FH-JCM45S-1616	16	1"	16	1-5/16"-12
82-FH-JCM45S-2016	20	1-1/4"	16	1-5/16"-12
82-FH-JCM45S-2020	20	1-1/4"	20	1-5/8"-12

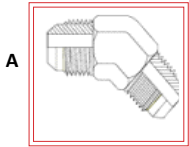
CODE 61 FLANGE - JIC MALE 45° SWEEP ELBOW



PART NUMBER	DASH SIZE A	FLANGE SIZE A	DASH SIZE B	THREAD SIZE B
82-FL-JCM45S-1212	12	3/4"	12	1-1/16"-12
82-FL-JCM45S-1216	12	3/4"	16	1-5/16"-12
82-FL-JCM45S-1612	16	1"	12	1-1/16"-12
82-FL-JCM45S-1616	16	1"	16	1-5/16"-12
82-FL-JCM45S-2016	20	1-1/4"	16	1-5/16"-12
82-FL-JCM45S-2020	20	1-1/4"	20	1-5/8"-12

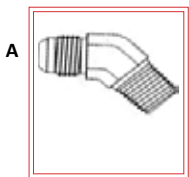
HYDRAULIC ADAPTORS

JIC MALE - JIC MALE 45° ELBOW



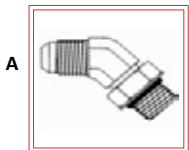
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-JCM45-0404	04	7/16"-20	04	7/16"-20
82-JCM-JCM45-0505	05	1/2"-20	05	1/2"-20
82-JCM-JCM45-0606	06	9/16"-18	06	9/16"-18
82-JCM-JCM45-0808	08	3/4"-16	08	3/4"-16
82-JCM-JCM45-1010	10	7/8"-14	10	7/8"-14
82-JCM-JCM45-1212	12	1-1/16"-12	12	1-1/16"-12
82-JCM-JCM45-1616	16	1-5/16"-12	16	1-5/16"-12
82-JCM-JCM45-2020	20	1-5/8"-12	20	1-5/8"-12

JIC MALE - NPT MALE 45° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-NPM45-0402	04	7/16"-20	02	1/8"-27
82-JCM-NPM45-0404	04	7/16"-20	04	1/4"-18
82-JCM-NPM45-0406	04	7/16"-20	06	3/8"-18
82-JCM-NPM45-0602	06	9/16"-18	02	1/8"-27
82-JCM-NPM45-0604	06	9/16"-18	04	1/4"-18
82-JCM-NPM45-0606	06	9/16"-18	06	3/8"-18
82-JCM-NPM45-0608	06	9/16"-18	08	1/2"-14
82-JCM-NPM45-0804	08	3/4"-16	04	1/4"-18
82-JCM-NPM45-0806	08	3/4"-16	06	3/8"-18
82-JCM-NPM45-0808	08	3/4"-16	08	1/2"-14
82-JCM-NPM45-0812	08	3/4"-16	12	3/4"-14
82-JCM-NPM45-1006	10	7/8"-14	06	3/8"-18
82-JCM-NPM45-1008	10	7/8"-14	08	1/2"-14
82-JCM-NPM45-1208	12	1-1/16"-12	08	1/2"-14
82-JCM-NPM45-1212	12	1-1/16"-12	12	3/4"-14
82-JCM-NPM45-1216	12	1-1/16"-12	16	1"-11 1/2
82-JCM-NPM45-1616	16	1-5/16"-12	16	1"-11 1/2
82-JCM-NPM45-1620	16	1-5/16"-12	20	1-1/4"-11 1/2
82-JCM-NPM45-2016	20	1-5/8"-12	16	1"-11 1/2
82-JCM-NPM45-2020	20	1-5/8"-12	20	1-1/4"-11 1/2
82-JCM-NPM45-2424	24	1-7/8"-12	24	1-1/2"-11 1/2

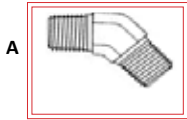
JIC MALE - UNO MALE 45° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-UNM45-0404	04	7/16"-20	04	7/16"-20
82-JCM-UNM45-0406	04	7/16"-20	06	9/16"-18
82-JCM-UNM45-0604	06	9/16"-18	04	7/16"-20
82-JCM-UNM45-0606	06	9/16"-18	06	9/16"-18
82-JCM-UNM45-0608	06	9/16"-18	08	3/4"-16
82-JCM-UNM45-0806	08	3/4"-16	06	9/16"-18
82-JCM-UNM45-0808	08	3/4"-16	08	3/4"-16
82-JCM-UNM45-0810	08	3/4"-16	10	7/8"-14
82-JCM-UNM45-0812	08	3/4"-16	12	1-1/16"-12
82-JCM-UNM45-1008	10	7/8"-14	08	3/4"-16
82-JCM-UNM45-1010	10	7/8"-14	10	7/8"-14
82-JCM-UNM45-1012	10	7/8"-14	12	1-1/16"-12
82-JCM-UNM45-1210	12	1-1/16"-12	10	7/8"-14
82-JCM-UNM45-1212	12	1-1/16"-12	12	1-1/16"-12
82-JCM-UNM45-1216	12	1-1/16"-12	16	1-5/16"-12
82-JCM-UNM45-1612	16	1-5/16"-12	12	1-1/16"-12
82-JCM-UNM45-1616	16	1-5/16"-12	16	1-5/16"-12
82-JCM-UNM45-2020	20	1-5/8"-12	20	1-5/8"-12
82-JCM-UNM45-2424	24	1-7/8"-12	24	1-7/8"-12

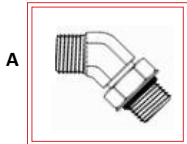
HYDRAULIC ADAPTORS

NPT MALE - NPT MALE 45° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-NPM-NPM45-1616	16	1"-11 1/2	16	1"-11 1/2

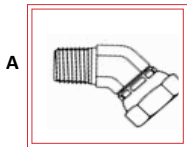
ORFS MALE - UNO MALE 45° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-OFM-UNM45-0404	04	9/16"-18	04	7/16"-20
82-OFM-UNM45-0406	04	9/16"-18	06	9/16"-18
82-OFM-UNM45-0606	06	11/16"-16	06	9/16"-18
82-OFM-UNM45-0610	06	11/16"-16	10	7/8"-14
82-OFM-UNM45-0808	08	13/16"-16	08	3/4"-16
82-OFM-UNM45-1010	10	1"-14	10	7/8"-14
82-OFM-UNM45-1212	12	1-3/16"-12	12	1-1/16"-12
82-OFM-UNM45-1216	12	1-3/16"-12	16	1-5/16"-12
82-OFM-UNM45-1616	16	1-7/16"-12	16	1-5/16"-12
82-OFM-UNM45-2020	20	1-11/16"-12	20	1-5/8"-12

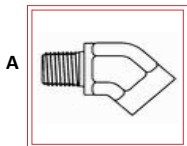
45 DEGREE MALE - FEMALE ADAPTORS

BSPT MALE - BSP FEMALE SWIVEL 45° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-BPFX45-0202	02	1/8"-28	02	1/8"-28
82-BTM-BPFX45-0404	04	1/4"-19	04	1/4"-19
82-BTM-BPFX45-0606	06	3/8"-19	06	3/8"-19
82-BTM-BPFX45-0808	08	1/2"-14	08	1/2"-14
82-BTM-BPFX45-1212	12	3/4"-14	12	3/4"-14
82-BTM-BPFX45-1616	16	1"-11	16	1"-11
82-BTM-BPFX45-2020	20	1-1/4"-11	20	1-1/4"-11
82-BTM-BPFX45-2424	24	1-1/2"-11	24	1-1/2"-11

BSPT MALE - BSPT FIXED FEMALE 45° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-BTF45-0202	02	1/8"-28	02	1/8"-28
82-BTM-BTF45-0404	04	1/4"-19	04	1/4"-19
82-BTM-BTF45-0606	06	3/8"-19	06	3/8"-19
82-BTM-BTF45-0808	08	1/2"-14	08	1/2"-14
82-BTM-BTF45-1212	12	3/4"-14	12	3/4"-14
82-BTM-BTF45-1616	16	1"-11	16	1"-11

JIC MALE - JIC FEMALE SWIVEL 45° ELBOW

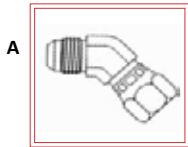


PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-JCFX45-0404	04	7/16"-20	04	7/16"-20
82-JCM-JCFX45-0505	05	1/2"-20	05	1/2"-20
82-JCM-JCFX45-0606	06	9/16"-18	06	9/16"-18
82-JCM-JCFX45-0808	08	3/4"-16	08	3/4"-16

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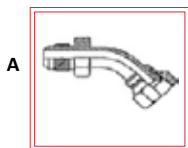
HYDRAULIC ADAPTORS

JIC MALE - JIC FEMALE SWIVEL 45° ELBOW



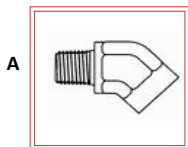
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-JCFX45-1010	10	7/8"-14	10	7/8"-14
82-JCM-JCFX45-1212	12	1-1/16"-12	12	1-1/16"-12
82-JCM-JCFX45-1616	16	1-5/16"-12	16	1-5/16"-12
82-JCM-JCFX45-2020	20	1-5/8"-12	20	1-5/8"-12
82-JCM-JCFX45-2424	24	1-7/8"-12	24	1-7/8"-12
82-JCM-JCFX45-3232	32	2-1/2"-12	32	2-1/2"-12

JIC MALE - JIC FEMALE SWIVEL 45° SWEPT ELBOW



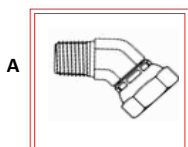
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-JCFX45S-0404	04	7/16"-20	04	7/16"-20
82-JCM-JCFX45S-0606	06	9/16"-18	06	9/16"-18
82-JCM-JCFX45S-0808	08	3/4"-16	08	3/4"-16
82-JCM-JCFX45S-1010	10	7/8"-14	10	7/8"-14
82-JCM-JCFX45S-1212	12	1-1/16"-12	12	1-1/16"-12
82-JCM-JCFX45S-1616	16	1-5/16"-12	16	1-5/16"-12
82-JCM-JCFX45S-2020	20	1-5/8"-12	20	1-5/8"-12

NPT MALE - NPT FIXED FEMALE 45° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-NPM-NPF45-0404	04	1/4"-18	04	1/4"-18
82-NPM-NPF45-0606	06	3/8"-18	06	3/8"-18
82-NPM-NPF45-0808	08	1/2"-14	08	1/2"-14
82-NPM-NPF45-1212	12	3/4"-14	12	3/4"-14
82-NPM-NPF45-1616	16	1"-11 1/2	16	1"-11 1/2
82-NPM-NPF45-2020	20	1-1/4"-11 1/2	20	1-1/4"-11 1/2

NPT MALE - NPSM FEMALE SWIVEL 45° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-NPM-NSFX45-0808	08	1/2"-14	08	1/2"-14
82-NPM-NSFX45-1212	12	3/4"-14	12	3/4"-14
82-NPM-NSFX45-2424	24	1-1/2"-11 1/2	24	1-1/2"-11 1/2

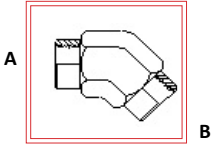
ORFS MALE - ORFS FEMALE SWIVEL 45° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-OFM-OFFX45-0404	04	9/16"-18	04	9/16"-18
82-OFM-OFFX45-0606	06	11/16"-16	06	11/16"-16
82-OFM-OFFX45-0808	08	13/16"-16	08	13/16"-16
82-OFM-OFFX45-1010	10	1"-14	10	1"-14
82-OFM-OFFX45-1212	12	1-3/16"-12	12	1-3/16"-12
82-OFM-OFFX45-1616	16	1-7/16"-12	16	1-7/16"-12
82-OFM-OFFX45-2020	20	1-11/16"-12	20	1-11/16"-12

45 DEGREE FEMALE - FEMALE ADAPTORS

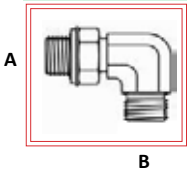
BSPT FEMALE - BSPT FEMALE 45° SOCKET ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTF-BTF45-0202	02	1/8"-28	02	1/8"-28
82-BTF-BTF45-0404	04	1/4"-19	04	1/4"-19
82-BTF-BTF45-0606	06	3/8"-19	06	3/8"-19
82-BTF-BTF45-0808	08	1/2"-14	08	1/2"-14
82-BTF-BTF45-1212	12	3/4"-14	12	3/4"-14
82-BTF-BTF45-1616	16	1"-11	16	1"-11

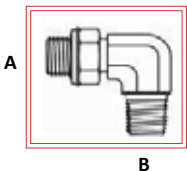
90 DEGREE MALE ADAPTORS

BSPP MALE - BSPP MALE 90° ELBOW



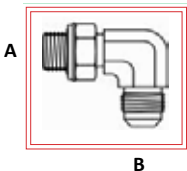
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BPM-BPM90-0404	04	1/4"-19	04	1/4"-19
82-BPM-BPM90-0406	04	1/4"-19	06	3/8"-19
82-BPM-BPM90-0606	06	3/8"-19	06	3/8"-19
82-BPM-BPM90-0608	06	3/8"-19	08	1/2"-14
82-BPM-BPM90-0808	08	1/2"-14	08	1/2"-14
82-BPM-BPM90-1212	12	3/4"-14	12	3/4"-14
82-BPM-BPM90-1616	16	1"-11	16	1"-11
82-BPM-BPM90-2020	20	1-1/4"-11	20	1-1/4"-11

BSPP MALE - BSPT MALE 90° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BPM-BTM90-0404	04	1/4"-19	04	1/4"-19
82-BPM-BTM90-0604	06	3/8"-19	04	1/4"-19
82-BPM-BTM90-0606	06	3/8"-19	06	3/8"-19
82-BPM-BTM90-0808	08	1/2"-14	08	1/2"-14
82-BPM-BTM90-1212	12	3/4"-14	12	3/4"-14
82-BPM-BTM90-1612	16	1"-11	12	3/4"-14
82-BPM-BTM90-1616	16	1"-11	16	1"-11
82-BPM-BTM90-2020	20	1-1/4"-11	20	1-1/4"-11

BSPP MALE - JIC MALE 90° ELBOW

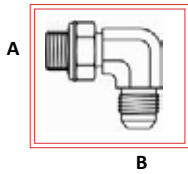


PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BPM-JCM90-0204	02	1/8"-28	04	7/16"-20
82-BPM-JCM90-0206	02	1/8"-28	06	9/16"-18
82-BPM-JCM90-0404	04	1/4"-19	04	7/16"-20
82-BPM-JCM90-0405	04	1/4"-19	05	1/2"-20
82-BPM-JCM90-0406	04	1/4"-19	06	9/16"-18
82-BPM-JCM90-0408	04	1/4"-19	08	3/4"-16
82-BPM-JCM90-0604	06	3/8"-19	04	7/16"-20
82-BPM-JCM90-0606	06	3/8"-19	06	9/16"-18
82-BPM-JCM90-0608	06	3/8"-19	08	3/4"-16

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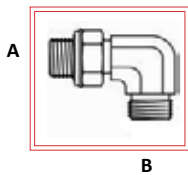
HYDRAULIC ADAPTORS

BSPP MALE - JIC MALE 90° ELBOW



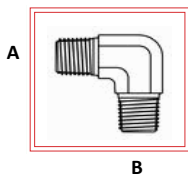
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BPM-JCM90-0610	06	3/8"-19	10	7/8"-14
82-BPM-JCM90-0806	08	1/2"-14	06	9/16"-18
82-BPM-JCM90-0808	08	1/2"-14	08	3/4"-16
82-BPM-JCM90-0810	08	1/2"-14	10	7/8"-14
82-BPM-JCM90-0812	08	1/2"-14	12	1-1/16"-12
82-BPM-JCM90-1208	12	3/4"-14	08	3/4"-16
82-BPM-JCM90-1210	12	3/4"-14	10	7/8"-14
82-BPM-JCM90-1212	12	3/4"-14	12	1-1/16"-12
82-BPM-JCM90-1216	12	3/4"-14	16	1-5/16"-12
82-BPM-JCM90-1612	16	1"-11	12	1-1/16"-12
82-BPM-JCM90-1616	16	1"-11	16	1-5/16"-12
82-BPM-JCM90-1620	16	1"-11	20	1-5/8"-12
82-BPM-JCM90-2012	20	1-1/4"-11	12	1-1/16"-12
82-BPM-JCM90-2016	20	1-1/4"-11	16	1-5/16"-12
82-BPM-JCM90-2020	20	1-1/4"-11	20	1-5/8"-12
82-BPM-JCM90-2024	20	1-1/4"-11	24	1-7/8"-12
82-BPM-JCM90-2420	24	1-1/2"-11	20	1-5/8"-12
82-BPM-JCM90-2424	24	1-1/2"-11	24	1-7/8"-12

BSPP MALE - ORFS MALE 90° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BPM-OFM90-0204	02	1/8"-28	04	9/16"-18
82-BPM-OFM90-0404	04	1/4"-19	04	9/16"-18
82-BPM-OFM90-0406	04	1/4"-19	06	11/16"-16
82-BPM-OFM90-0606	06	3/8"-19	06	11/16"-16
82-BPM-OFM90-0608	06	3/8"-19	08	13/16"-16
82-BPM-OFM90-0808	08	1/2"-14	08	13/16"-16
82-BPM-OFM90-0810	08	1/2"-14	10	1"-14
82-BPM-OFM90-1212	12	3/4"-14	12	1-3/16"-12
82-BPM-OFM90-1616	16	1"-11	16	1-7/16"-12

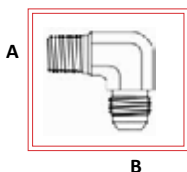
BSPT MALE - BSPT MALE 90° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-BTM90-0202	02	1/8"-28	02	1/8"-28
82-BTM-BTM90-0204	02	1/8"-28	04	1/4"-19
82-BTM-BTM90-0404	04	1/4"-19	04	1/4"-19
82-BTM-BTM90-0406	04	1/4"-19	06	3/8"-19
82-BTM-BTM90-0408	04	1/4"-19	08	1/2"-14
82-BTM-BTM90-0606	06	3/8"-19	06	3/8"-19
82-BTM-BTM90-0608	06	3/8"-19	08	1/2"-14
82-BTM-BTM90-0808	08	1/2"-14	08	1/2"-14
82-BTM-BTM90-0812	08	1/2"-14	12	3/4"-14
82-BTM-BTM90-1212	12	3/4"-14	12	3/4"-14
82-BTM-BTM90-1216	12	3/4"-14	16	1"-11
82-BTM-BTM90-1616	16	1"-11	16	1"-11
82-BTM-BTM90-1620	16	1"-11	20	1-1/4"-11
82-BTM-BTM90-2020	20	1-1/4"-11	20	1-1/4"-11
82-BTM-BTM90-2424	24	1-1/2"-11	24	1-1/2"-11
82-BTM-BTM90-3232	32	2"-11	32	2"-11

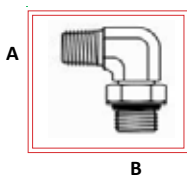
HYDRAULIC ADAPTORS

BSPT MALE - JIC MALE 90° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-JCM90-0204	02	1/8"-28	04	7/16"-20
82-BTM-JCM90-0205	02	1/8"-28	05	1/2"-20
82-BTM-JCM90-0206	02	1/8"-28	06	9/16"-18
82-BTM-JCM90-0404	04	1/4"-19	04	7/16"-20
82-BTM-JCM90-0405	04	1/4"-19	05	1/2"-20
82-BTM-JCM90-0406	04	1/4"-19	06	9/16"-18
82-BTM-JCM90-0408	04	1/4"-19	08	3/4"-16
82-BTM-JCM90-0604	06	3/8"-19	04	7/16"-20
82-BTM-JCM90-0606	06	3/8"-19	06	9/16"-18
82-BTM-JCM90-0608	06	3/8"-19	08	3/4"-16
82-BTM-JCM90-0610	06	3/8"-19	10	7/8"-14
82-BTM-JCM90-0804	08	1/2"-14	04	7/16"-20
82-BTM-JCM90-0806	08	1/2"-14	06	9/16"-18
82-BTM-JCM90-0808	08	1/2"-14	08	3/4"-16
82-BTM-JCM90-0810	08	1/2"-14	10	7/8"-14
82-BTM-JCM90-0812	08	1/2"-14	12	1-1/16"-12
82-BTM-JCM90-1206	12	3/4"-14	06	9/16"-18
82-BTM-JCM90-1208	12	3/4"-14	08	3/4"-16
82-BTM-JCM90-1210	12	3/4"-14	10	7/8"-14
82-BTM-JCM90-1212	12	3/4"-14	12	1-1/16"-12
82-BTM-JCM90-1216	12	3/4"-14	16	1-5/16"-12
82-BTM-JCM90-1608	16	1"-11	08	3/4"-16
82-BTM-JCM90-1612	16	1"-11	12	1-1/16"-12
82-BTM-JCM90-1616	16	1"-11	16	1-5/16"-12
82-BTM-JCM90-1620	16	1"-11	20	1-5/8"-12
82-BTM-JCM90-2016	20	1-1/4"-11	16	1-5/16"-12
82-BTM-JCM90-2020	20	1-1/4"-11	20	1-5/8"-12
82-BTM-JCM90-2024	20	1-1/4"-11	24	1-7/8"-12
82-BTM-JCM90-2420	24	1-1/2"-11	20	1-5/8"-12
82-BTM-JCM90-2424	24	1-1/2"-11	24	1-7/8"-12
82-BTM-JCM90-2432	24	1-1/2"-11	32	2-1/2"-12
82-BTM-JCM90-3232	32	2"-11	32	2-1/2"-12

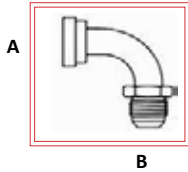
BSPT MALE - UNO MALE 90° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-UNM90-0404	04	1/4"-19	04	7/16"-20
82-BTM-UNM90-0406	04	1/4"-19	06	9/16"-18
82-BTM-UNM90-0408	04	1/4"-19	08	3/4"-16
82-BTM-UNM90-0606	06	3/8"-19	06	9/16"-18
82-BTM-UNM90-0608	06	3/8"-19	08	3/4"-16
82-BTM-UNM90-0610	06	3/8"-19	10	7/8"-14
82-BTM-UNM90-0808	08	1/2"-14	08	3/4"-16
82-BTM-UNM90-0810	08	1/2"-14	10	7/8"-14
82-BTM-UNM90-0812	08	1/2"-14	12	1-1/16"-12
82-BTM-UNM90-1210	12	3/4"-14	10	7/8"-14
82-BTM-UNM90-1212	12	3/4"-14	12	1-1/16"-12
82-BTM-UNM90-1616	16	1"-11	16	1-5/16"-12

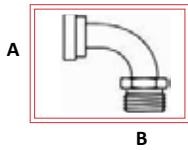
HYDRAULIC ADAPTORS

CODE 62 FLANGE - JIC MALE 90° SWEEP ELBOW



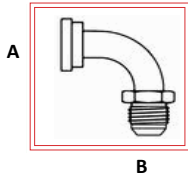
PART NUMBER	DASH SIZE A	FLANGE SIZE A	DASH SIZE B	THREAD SIZE B
82-FH-JCM90S-1212	12	3/4"	12	1-1/16"-12
82-FH-JCM90S-1216	12	3/4"	16	1-5/16"-12
82-FH-JCM90S-1612	16	1"	12	1-1/16"-12
82-FH-JCM90S-1616	16	1"	16	1-5/16"-12
82-FH-JCM90S-2016	20	1-1/4"	16	1-5/16"-12
82-FH-JCM90S-2020	20	1-1/4"	20	1-5/8"-12
82-FH-JCM90S-2420	24	1-1/2"	20	1-5/8"-12

CODE 62 FLANGE - ORFS MALE 90° SWEEP ELBOW



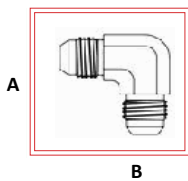
PART NUMBER	DASH SIZE A	FLANGE SIZE A	DASH SIZE B	THREAD SIZE B
82-FH-OFM90S-1616	16	1"	16	1-7/16"-12

CODE 61 FLANGE - JIC MALE 90° SWEEP ELBOW



PART NUMBER	DASH SIZE A	FLANGE SIZE A	DASH SIZE B	THREAD SIZE B
82-FL-JCM90S-1212	12	3/4"	12	1-1/16"-12
82-FL-JCM90S-1612	16	1"	12	1-1/16"-12
82-FL-JCM90S-1616	16	1"	16	1-5/16"-12
82-FL-JCM90S-2016	20	1-1/4"	16	1-5/16"-12
82-FL-JCM90S-2020	20	1-1/4"	20	1-5/8"-12
82-FL-JCM90S-2420	24	1-1/2"	20	1-5/8"-12
82-FL-JCM90S-2424	24	1-1/2"	24	1-7/8"-12
82-FL-JCM90S-3224	32	2"	24	1-7/8"-12
82-FL-JCM90S-3232	32	2"	32	2-1/2"-12

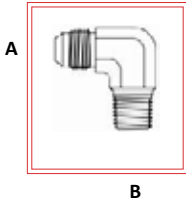
JIC MALE - JIC MALE 90° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-JCM90-0404	04	7/16"-20	04	7/16"-20
82-JCM-JCM90-0505	05	1/2"-20	05	1/2"-20
82-JCM-JCM90-0606	06	9/16"-18	06	9/16"-18
82-JCM-JCM90-0608	06	9/16"-18	08	3/4"-16
82-JCM-JCM90-0808	08	3/4"-16	08	3/4"-16
82-JCM-JCM90-0810	08	3/4"-16	10	7/8"-14
82-JCM-JCM90-0812	08	3/4"-16	12	1-1/16"-12
82-JCM-JCM90-1010	10	7/8"-14	10	7/8"-14
82-JCM-JCM90-1012	10	7/8"-14	12	1-1/16"-12
82-JCM-JCM90-1212	12	1-1/16"-12	12	1-1/16"-12
82-JCM-JCM90-1216	12	1-1/16"-12	16	1-5/16"-12
82-JCM-JCM90-1616	16	1-5/16"-12	16	1-5/16"-12
82-JCM-JCM90-2020	20	1-5/8"-12	20	1-5/8"-12
82-JCM-JCM90-2424	24	1-7/8"-12	24	1-7/8"-12
82-JCM-JCM90-3232	32	2-1/2"-12	32	2-1/2"-12

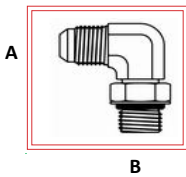
HYDRAULIC ADAPTORS

JIC MALE - NPT MALE 90° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-NPM90-0402	04	7/16"-20	02	1/8"-27
82-JCM-NPM90-0404	04	7/16"-20	04	1/4"-18
82-JCM-NPM90-0406	04	7/16"-20	06	3/8"-18
82-JCM-NPM90-0408	04	7/16"-20	08	1/2"-14
82-JCM-NPM90-0502	05	1/2"-20	02	1/8"-27
82-JCM-NPM90-0504	05	1/2"-20	04	1/4"-18
82-JCM-NPM90-0602	06	9/16"-18	02	1/8"-27
82-JCM-NPM90-0604	06	9/16"-18	04	1/4"-18
82-JCM-NPM90-0606	06	9/16"-18	06	3/8"-18
82-JCM-NPM90-0608	06	9/16"-18	08	1/2"-14
82-JCM-NPM90-0612	06	9/16"-18	12	3/4"-14
82-JCM-NPM90-0804	08	3/4"-16	04	1/4"-18
82-JCM-NPM90-0806	08	3/4"-16	06	3/8"-18
82-JCM-NPM90-0808	08	3/4"-16	08	1/2"-14
82-JCM-NPM90-0812	08	3/4"-16	12	3/4"-14
82-JCM-NPM90-0816	08	3/4"-16	16	1"-11 1/2
82-JCM-NPM90-1006	10	7/8"-14	06	3/8"-18
82-JCM-NPM90-1008	10	7/8"-14	08	1/2"-14
82-JCM-NPM90-1012	10	7/8"-14	12	3/4"-14
82-JCM-NPM90-1208	12	1-1/16"-12	08	1/2"-14
82-JCM-NPM90-1212	12	1-1/16"-12	12	3/4"-14
82-JCM-NPM90-1216	12	1-1/16"-12	16	1"-11 1/2
82-JCM-NPM90-1612	16	1-5/16"-12	12	3/4"-14
82-JCM-NPM90-1616	16	1-5/16"-12	16	1"-11 1/2
82-JCM-NPM90-1620	16	1-5/16"-12	20	1-1/4"-11 1/2
82-JCM-NPM90-1624	16	1-5/16"-12	24	1-1/2"-11 1/2
82-JCM-NPM90-2016	20	1-5/8"-12	16	1"-11 1/2
82-JCM-NPM90-2020	20	1-5/8"-12	20	1-1/4"-11 1/2
82-JCM-NPM90-2024	20	1-5/8"-12	24	1-1/2"-11 1/2
82-JCM-NPM90-2420	24	1-7/8"-12	20	1-1/4"-11 1/2
82-JCM-NPM90-2424	24	1-7/8"-12	24	1-1/2"-11 1/2
82-JCM-NPM90-2432	24	1-7/8"-12	32	2"-11 1/2
82-JCM-NPM90-3232	32	2-1/2"-12	32	2"-11 1/2

JIC MALE - UNO MALE 90° ELBOW

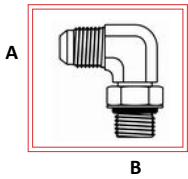


PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-UNM90-0404	04	7/16"-20	04	7/16"-20
82-JCM-UNM90-0405	04	7/16"-20	05	1/2"-20
82-JCM-UNM90-0406	04	7/16"-20	06	9/16"-18
82-JCM-UNM90-0408	04	7/16"-20	08	3/4"-16
82-JCM-UNM90-0505	05	1/2"-20	05	1/2"-20
82-JCM-UNM90-0506	05	1/2"-20	06	9/16"-18
82-JCM-UNM90-0604	06	9/16"-18	04	7/16"-20
82-JCM-UNM90-0605	06	9/16"-18	05	1/2"-20
82-JCM-UNM90-0606	06	9/16"-18	06	9/16"-18
82-JCM-UNM90-0608	06	9/16"-18	08	3/4"-16
82-JCM-UNM90-0610	06	9/16"-18	10	7/8"-14
82-JCM-UNM90-0612	06	9/16"-18	12	1-1/16"-12
82-JCM-UNM90-0804	08	3/4"-16	04	7/16"-20
82-JCM-UNM90-0806	08	3/4"-16	06	9/16"-18
82-JCM-UNM90-0808	08	3/4"-16	08	3/4"-16
82-JCM-UNM90-0810	08	3/4"-16	10	7/8"-14
82-JCM-UNM90-0812	08	3/4"-16	12	1-1/16"-12
82-JCM-UNM90-0816	08	3/4"-16	16	1-5/16"-12

Continued on next page

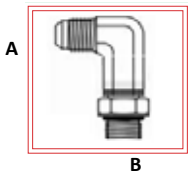
HYDRAULIC ADAPTORS

JIC MALE - UNO MALE 90° ELBOW



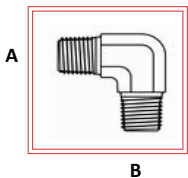
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-UNM90-1006	10	7/8"-14	06	9/16"-18
82-JCM-UNM90-1008	10	7/8"-14	08	3/4"-16
82-JCM-UNM90-1010	10	7/8"-14	10	7/8"-14
82-JCM-UNM90-1012	10	7/8"-14	12	1-1/16"-12
82-JCM-UNM90-1208	12	1-1/16"-12	08	3/4"-16
82-JCM-UNM90-1210	12	1-1/16"-12	10	7/8"-14
82-JCM-UNM90-1212	12	1-1/16"-12	12	1-1/16"-12
82-JCM-UNM90-1214	12	1-1/16"-12	14	1-3/16"-12
82-JCM-UNM90-1216	12	1-1/16"-12	16	1-5/16"-12
82-JCM-UNM90-1612	16	1-5/16"-12	12	1-1/16"-12
82-JCM-UNM90-1616	16	1-5/16"-12	16	1-5/16"-12
82-JCM-UNM90-1620	16	1-5/16"-12	20	1-5/8"-12
82-JCM-UNM90-2016	20	1-5/8"-12	16	1-5/16"-12
82-JCM-UNM90-2020	20	1-5/8"-12	20	1-5/8"-12
82-JCM-UNM90-2024	20	1-5/8"-12	24	1-7/8"-12
82-JCM-UNM90-2420	24	1-7/8"-12	20	1-5/8"-12
82-JCM-UNM90-2424	24	1-7/8"-12	24	1-7/8"-12

JIC MALE - UNO MALE 90° EXTENDED ELBOW



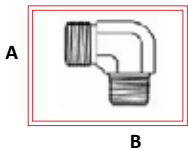
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-UNM90E-0606	06	9/16"-18	06	9/16"-18
82-JCM-UNM90E-0808	08	3/4"-16	08	3/4"-16

NPT MALE - NPT MALE 90° ELBOW



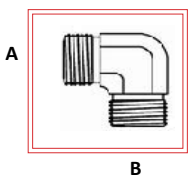
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-NPM-NPM90-0404	04	1/4"-18	04	1/4"-18
82-NPM-NPM90-0606	06	3/8"-18	06	3/8"-18
82-NPM-NPM90-0808	08	1/2"-14	08	1/2"-14
82-NPM-NPM90-0812	08	1/2"-14	12	3/4"-14
82-NPM-NPM90-1212	12	3/4"-14	12	3/4"-14
82-NPM-NPM90-1616	16	1"-11 1/2	16	1"-11 1/2
82-NPM-NPM90-2020	20	1-1/4"-11 1/2	20	1-1/4"-11 1/2

ORFS MALE - NPT MALE 90° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-OFM-NPM90-0808	08	13/16"-16	08	1/2"-14
82-OFM-NPM90-1008	10	1"-14	08	1/2"-14

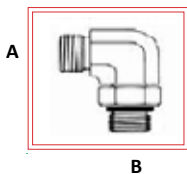
ORFS MALE - ORFS MALE 90° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-OFM-OFM90-0404	04	9/16"-18	04	9/16"-18
82-OFM-OFM90-0606	06	11/16"-16	06	11/16"-16
82-OFM-OFM90-0808	08	13/16"-16	08	13/16"-16
82-OFM-OFM90-1010	10	1"-14	10	1"-14
82-OFM-OFM90-1212	12	1-3/16"-12	12	1-3/16"-12
82-OFM-OFM90-1616	16	1-7/16"-12	16	1-7/16"-12
82-OFM-OFM90-2020	20	1-11/16"-12	20	1-11/16"-12

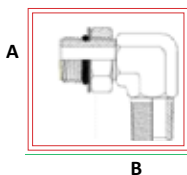
HYDRAULIC ADAPTORS

ORFS MALE - UNO MALE 90° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-OFM-UNM90-0404	04	9/16"-18	04	7/16"-20
82-OFM-UNM90-0406	04	9/16"-18	06	9/16"-18
82-OFM-UNM90-0604	06	11/16"-16	04	7/16"-20
82-OFM-UNM90-0606	06	11/16"-16	06	9/16"-18
82-OFM-UNM90-0608	06	11/16"-16	08	3/4"-16
82-OFM-UNM90-0610	06	11/16"-16	10	7/8"-14
82-OFM-UNM90-0806	08	13/16"-16	06	9/16"-18
82-OFM-UNM90-0808	08	13/16"-16	08	3/4"-16
82-OFM-UNM90-0810	08	13/16"-16	10	7/8"-14
82-OFM-UNM90-0812	08	13/16"-16	12	1-1/16"-12
82-OFM-UNM90-1008	10	1"-14	08	3/4"-16
82-OFM-UNM90-1010	10	1"-14	10	7/8"-14
82-OFM-UNM90-1012	10	1"-14	12	1-1/16"-12
82-OFM-UNM90-1208	12	1-3/16"-12	08	3/4"-16
82-OFM-UNM90-1210	12	1-3/16"-12	10	7/8"-14
82-OFM-UNM90-1212	12	1-3/16"-12	12	1-1/16"-12
82-OFM-UNM90-1216	12	1-3/16"-12	16	1-5/16"-12
82-OFM-UNM90-1612	16	1-7/16"-12	12	1-1/16"-12
82-OFM-UNM90-1616	16	1-7/16"-12	16	1-5/16"-12
82-OFM-UNM90-2020	20	1-11/16"-12	20	1-5/8"-12

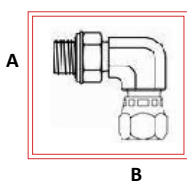
UNO MALE - NPT MALE 90° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-UNM-NPM90-0404	04	7/16"-20	04	1/4"-18
82-UNM-NPM90-1212	12	1-1/16"-12	12	3/4"-14

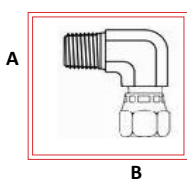
90 DEGREE MALE - FEMALE ADAPTORS

BSPP MALE - BSP FEMALE SWIVEL 90° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BPM-BPFX90-0404	04	1/4"-19	04	1/4"-19
82-BPM-BPFX90-0606	06	3/8"-19	06	3/8"-19
82-BPM-BPFX90-0808	08	1/2"-14	08	1/2"-14
82-BPM-BPFX90-1212	12	3/4"-14	12	3/4"-14
82-BPM-BPFX90-1616	16	1"-11	16	1"-11

BSPT MALE - BSP FEMALE SWIVEL 90° ELBOW

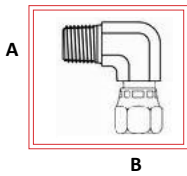


PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-BPFX90-0202	02	1/8"-28	02	1/8"-28
82-BTM-BPFX90-0404	04	1/4"-19	04	1/4"-19
82-BTM-BPFX90-0406	04	1/4"-19	06	3/8"-19
82-BTM-BPFX90-0604	06	3/8"-19	04	1/4"-19
82-BTM-BPFX90-0606	06	3/8"-19	06	3/8"-19
82-BTM-BPFX90-0608	06	3/8"-19	08	1/2"-14

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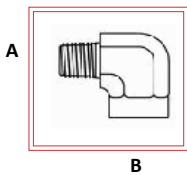
HYDRAULIC ADAPTORS

BSPT MALE - BSP FEMALE SWIVEL 90° ELBOW



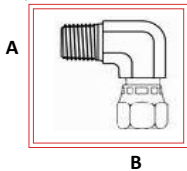
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-BPF90-0806	08	1/2"-14	06	3/8"-19
82-BTM-BPF90-0808	08	1/2"-14	08	1/2"-14
82-BTM-BPF90-0812	08	1/2"-14	12	3/4"-14
82-BTM-BPF90-1208	12	3/4"-14	08	1/2"-14
82-BTM-BPF90-1212	12	3/4"-14	12	3/4"-14
82-BTM-BPF90-1616	16	1"-11	16	1"-11
82-BTM-BPF90-2020	20	1-1/4"-11	20	1-1/4"-11
82-BTM-BPF90-2424	24	1-1/2"-11	24	1-1/2"-11

BSPT MALE - BSPT FIXED FEMALE 90° ELBOW



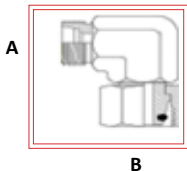
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-BTF90-0202	02	1/8"-28	02	1/8"-28
82-BTM-BTF90-0404	04	1/4"-19	04	1/4"-19
82-BTM-BTF90-0606	06	3/8"-19	06	3/8"-19
82-BTM-BTF90-0608	06	3/8"-19	08	1/2"-14
82-BTM-BTF90-0806	08	1/2"-14	06	3/8"-19
82-BTM-BTF90-0808	08	1/2"-14	08	1/2"-14
82-BTM-BTF90-1208	12	3/4"-14	08	1/2"-14
82-BTM-BTF90-1212	12	3/4"-14	12	3/4"-14
82-BTM-BTF90-1616	16	1"-11	16	1"-11
82-BTM-BTF90-2020	20	1-1/4"-11	20	1-1/4"-11
82-BTM-BTF90-2424	24	1-1/2"-11	24	1-1/2"-11

BSPT MALE - JIC FEMALE SWIVEL 90° ELBOW



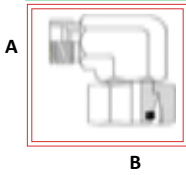
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTM-JCF90-0404	04	1/4"-19	04	7/16"-20
82-BTM-JCF90-0406	04	1/4"-19	06	9/16"-18
82-BTM-JCF90-0606	06	3/8"-19	06	9/16"-18
82-BTM-JCF90-0608	06	3/8"-19	08	3/4"-16
82-BTM-JCF90-0610	06	3/8"-19	10	7/8"-14
82-BTM-JCF90-0808	08	1/2"-14	08	3/4"-16
82-BTM-JCF90-0810	08	1/2"-14	10	7/8"-14
82-BTM-JCF90-1212	12	3/4"-14	12	1-1/16"-12
82-BTM-JCF90-1616	16	1"-11	16	1-5/16"-12

METRIC 24° HEAVY MALE - METRIC 24° HEAVY FEMALE 90° ELBOW



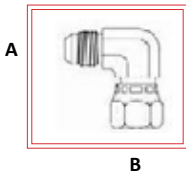
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-DHM-DHFX90-1414	14	14x1.5	14	14x1.5
82-DHM-DHFX90-1616	16	16x1.5	16	16x1.5
82-DHM-DHFX90-2222	22	22x1.5	22	22x1.5
82-DHM-DHFX90-2424	24	24x1.5	24	24x1.5

METRIC 24° LIGHT MALE - METRIC 24° LIGHT FEMALE 90° ELBOW



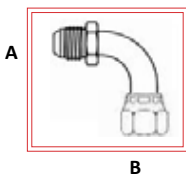
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-DLM-DLFX90-1212	12	12x1.5	12	12x1.5
82-DLM-DLFX90-1414	14	14x1.5	14	14x1.5
82-DLM-DLFX90-1616	16	16x1.5	16	16x1.5
82-DLM-DLFX90-2222	22	22x1.5	22	22x1.5
82-DLM-DLFX90-2626	26	26x1.5	26	26x1.5
82-DLM-DLFX90-3030	30	30x2.0	30	30x2.0
82-DLM-DLFX90-3636	36	36x2.0	36	36x2.0
82-DLM-DLFX90-4545	45	45x2.0	45	45x2.0
82-DLM-DLFX90-5252	52	52x2.0	52	52x2.0

JIC MALE - JIC FEMALE SWIVEL 90° ELBOW



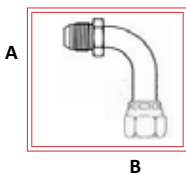
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-JCFX90-0404	04	7/16"-20	04	7/16"-20
82-JCM-JCFX90-0505	05	1/2"-20	05	1/2"-20
82-JCM-JCFX90-0606	06	9/16"-18	06	9/16"-18
82-JCM-JCFX90-0806	08	3/4"-16	06	9/16"-18
82-JCM-JCFX90-0808	08	3/4"-16	08	3/4"-16
82-JCM-JCFX90-0810	08	3/4"-16	10	7/8"-14
82-JCM-JCFX90-0812	08	3/4"-16	12	1-1/16"-12
82-JCM-JCFX90-1010	10	7/8"-14	10	7/8"-14
82-JCM-JCFX90-1012	10	7/8"-14	12	1-1/16"-12
82-JCM-JCFX90-1208	12	1-1/16"-12	08	3/4"-16
82-JCM-JCFX90-1210	12	1-1/16"-12	10	7/8"-14
82-JCM-JCFX90-1212	12	1-1/16"-12	12	1-1/16"-12
82-JCM-JCFX90-1216	12	1-1/16"-12	16	1-5/16"-12
82-JCM-JCFX90-1616	16	1-5/16"-12	16	1-5/16"-12
82-JCM-JCFX90-1620	16	1-5/16"-12	20	1-5/8"-12
82-JCM-JCFX90-2020	20	1-5/8"-12	20	1-5/8"-12
82-JCM-JCFX90-2424	24	1-7/8"-12	24	1-7/8"-12
82-JCM-JCFX90-3232	32	2-1/2"-12	32	2-1/2"-12

JIC MALE - JIC FEMALE SWIVEL 90° SWEPT ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-JCFX90S-0404	04	7/16"-20	04	7/16"-20
82-JCM-JCFX90S-0606	06	9/16"-18	06	9/16"-18
82-JCM-JCFX90S-0808	08	3/4"-16	08	3/4"-16
82-JCM-JCFX90S-1010	10	7/8"-14	10	7/8"-14
82-JCM-JCFX90S-1212	12	1-1/16"-12	12	1-1/16"-12
82-JCM-JCFX90S-1616	16	1-5/16"-12	16	1-5/16"-12
82-JCM-JCFX90S-2020	20	1-5/8"-12	20	1-5/8"-12
82-JCM-JCFX90S-3232	32	2-1/2"-12	32	2-1/2"-12

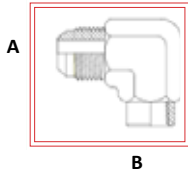
JIC MALE - JIC FEMALE SWIVEL 90° LONG SWEPT ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-JCFX90L-0404	04	7/16"-20	04	7/16"-20
82-JCM-JCFX90L-0606	06	9/16"-18	06	9/16"-18
82-JCM-JCFX90L-0808	08	3/4"-16	08	3/4"-16
82-JCM-JCFX90L-1010	10	7/8"-14	10	7/8"-14
82-JCM-JCFX90L-1212	12	1-1/16"-12	12	1-1/16"-12
82-JCM-JCFX90L-1616	16	1-5/16"-12	16	1-5/16"-12

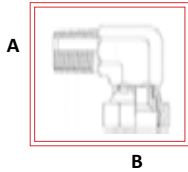
HYDRAULIC ADAPTORS

JIC MALE - NPT FIXED FEMALE 90° ELBOW



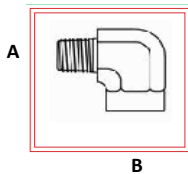
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-NPF90-0404	04	7/16"-20	04	1/4"-18
82-JCM-NPF90-0604	06	9/16"-18	04	1/4"-18
82-JCM-NPF90-0606	06	9/16"-18	06	3/8"-18
82-JCM-NPF90-0808	08	3/4"-16	08	1/2"-14

NPT MALE - JIC FEMALE SWIVEL 90° ELBOW



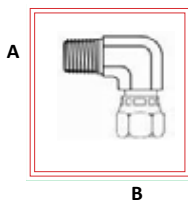
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-NPM-JCFX90-0606	06	3/8"-18	06	9/16"-18
82-NPM-JCFX90-0808	08	1/2"-14	08	3/4"-16
82-NPM-JCFX90-1212	12	3/4"-14	12	1-1/16"-12

NPT MALE - NPT FIXED FEMALE 90° ELBOW



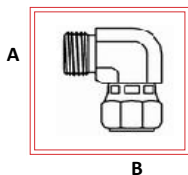
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-NPM-NPF90-0202	02	1/8"-27	02	1/8"-27
82-NPM-NPF90-0404	04	1/4"-18	04	1/4"-18
82-NPM-NPF90-0606	06	3/8"-18	06	3/8"-18
82-NPM-NPF90-0808	08	1/2"-14	08	1/2"-14
82-NPM-NPF90-0812	08	1/2"-14	12	3/4"-14
82-NPM-NPF90-1208	12	3/4"-14	08	1/2"-14
82-NPM-NPF90-1212	12	3/4"-14	12	3/4"-14
82-NPM-NPF90-1616	16	1"-11 1/2	16	1"-11 1/2
82-NPM-NPF90-2020	20	1-1/4"-11 1/2	20	1-1/4"-11 1/2

NPT MALE - NPSM FEMALE SWIVEL 90° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-NPM-NSFX90-0404	04	1/4"-18	04	1/4"-18
82-NPM-NSFX90-0606	06	3/8"-18	06	3/8"-18
82-NPM-NSFX90-0808	08	1/2"-14	08	1/2"-14
82-NPM-NSFX90-1212	12	3/4"-14	12	3/4"-14
82-NPM-NSFX90-1216	12	3/4"-14	16	1"-11 1/2
82-NPM-NSFX90-1616	16	1"-11 1/2	16	1"-11 1/2
82-NPM-NSFX90-2020	20	1-1/4"-11 1/2	20	1-1/4"-11 1/2

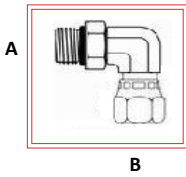
ORFS MALE - ORFS FEMALE SWIVEL 90° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-OFM-OFFX90-0404	04	9/16"-18	04	9/16"-18
82-OFM-OFFX90-0606	06	11/16"-16	06	11/16"-16
82-OFM-OFFX90-0808	08	13/16"-16	08	13/16"-16
82-OFM-OFFX90-1010	10	1"-14	10	1"-14
82-OFM-OFFX90-1212	12	1-3/16"-12	12	1-3/16"-12
82-OFM-OFFX90-1616	16	1-7/16"-12	16	1-7/16"-12
82-OFM-OFFX90-2020	20	1-11/16"-12	20	1-11/16"-12

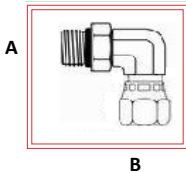
HYDRAULIC ADAPTORS

UNO MALE - BSP FEMALE SWIVEL 90° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-UNM-BPFX90-0806	08	3/4"-16	06	3/8"-19
82-UNM-BPFX90-0808	08	3/4"-16	08	1/2"-14
82-UNM-BPFX90-1008	10	7/8"-14	08	1/2"-14
82-UNM-BPFX90-1212	12	1-1/16"-12	12	3/4"-14

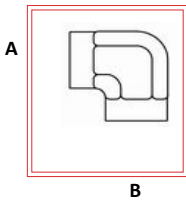
UNO MALE - JIC FEMALE SWIVEL 90° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-UNM-JCFX90-0808	08	3/4"-16	08	3/4"-16
82-UNM-JCFX90-1008	10	7/8"-14	08	3/4"-16
82-UNM-JCFX90-1010	10	7/8"-14	10	7/8"-14

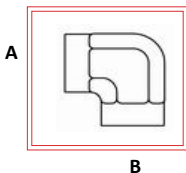
90 DEGREE FEMALE - FEMALE ADAPTORS

BSPT FIXED FEMALE - BSPT FIXED FEMALE 90° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BTF-BTF90-0202	02	1/8"-28	02	1/8"-28
82-BTF-BTF90-0204	02	1/8"-28	04	1/4"-19
82-BTF-BTF90-0404	04	1/4"-19	04	1/4"-19
82-BTF-BTF90-0606	06	3/8"-19	06	3/8"-19
82-BTF-BTF90-0806	08	1/2"-14	06	3/8"-19
82-BTF-BTF90-0808	08	1/2"-14	08	1/2"-14
82-BTF-BTF90-1212	12	3/4"-14	12	3/4"-14
82-BTF-BTF90-1616	16	1"-11	16	1"-11
82-BTF-BTF90-2020	20	1-1/4"-11	20	1-1/4"-11
82-BTF-BTF90-2424	24	1-1/2"-11	24	1-1/2"-11
82-BTF-BTF90-3232	32	2"-11	32	2"-11

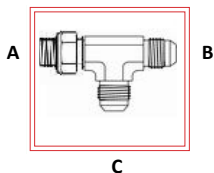
NPT FIXED FEMALE - NPT FIXED FEMALE 90° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-NPF-NPF90-0202	02	1/8"-27	02	1/8"-27
82-NPF-NPF90-0404	04	1/4"-18	04	1/4"-18
82-NPF-NPF90-0606	06	3/8"-18	06	3/8"-18
82-NPF-NPF90-0808	08	1/2"-14	08	1/2"-14
82-NPF-NPF90-1212	12	3/4"-14	12	3/4"-14
82-NPF-NPF90-1616	16	1"-11 1/2	16	1"-11 1/2
82-NPF-NPF90-2424	24	1-1/2"-11 1/2	24	1-1/2"-11 1/2

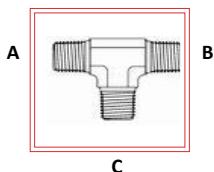
TEE MALE - MALE - MALE

BSPP MALE - JIC MALE - JIC MALE TEE



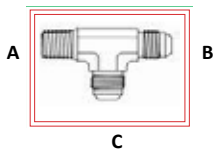
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-BPM-JCM-JCM-020404	02	1/8"-28	04	7/16"-20	04	7/16"-20
82-BPM-JCM-JCM-020505	02	1/8"-28	05	1/2"-20	05	1/2"-20
82-BPM-JCM-JCM-040404	04	1/4"-19	04	7/16"-20	04	7/16"-20
82-BPM-JCM-JCM-040606	04	1/4"-19	06	9/16"-18	06	9/16"-18
82-BPM-JCM-JCM-040808	04	1/4"-19	08	3/4"-16	08	3/4"-16
82-BPM-JCM-JCM-060606	06	3/8"-19	06	9/16"-18	06	9/16"-18
82-BPM-JCM-JCM-060808	06	3/8"-19	08	3/4"-16	08	3/4"-16
82-BPM-JCM-JCM-080808	08	1/2"-14	08	3/4"-16	08	3/4"-16
82-BPM-JCM-JCM-081010	08	1/2"-14	10	7/8"-14	10	7/8"-14
82-BPM-JCM-JCM-120808	12	3/4"-14	08	3/4"-16	08	3/4"-16
82-BPM-JCM-JCM-121212	12	3/4"-14	12	1-1/16"-12	12	1-1/16"-12
82-BPM-JCM-JCM-161616	16	1"-11	16	1-5/16"-12	16	1-5/16"-12
82-BPM-JCM-JCM-202020	20	1-1/4"-11	20	1-5/8"-12	20	1-5/8"-12

BSPT MALE - BSPT MALE - BSPT MALE TEE



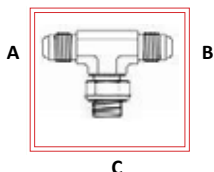
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-BTM-BTM-BTM-020202	02	1/8"-28	02	1/8"-28	02	1/8"-28
82-BTM-BTM-BTM-040404	04	1/4"-19	04	1/4"-19	04	1/4"-19
82-BTM-BTM-BTM-060606	06	3/8"-19	06	3/8"-19	06	3/8"-19
82-BTM-BTM-BTM-080808	08	1/2"-14	08	1/2"-14	08	1/2"-14
82-BTM-BTM-BTM-121212	12	3/4"-14	12	3/4"-14	12	3/4"-14
82-BTM-BTM-BTM-161616	16	1"-11	16	1"-11	16	1"-11
82-BTM-BTM-BTM-202020	20	1-1/4"-11	20	1-1/4"-11	20	1-1/4"-11
82-BTM-BTM-BTM-242424	24	1-1/2"-11	24	1-1/2"-11	24	1-1/2"-11

BSPT MALE - JIC MALE - JIC MALE TEE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-BTM-JCM-JCM-020404	02	1/8"-28	04	7/16"-20	04	7/16"-20
82-BTM-JCM-JCM-040404	04	1/4"-19	04	7/16"-20	04	7/16"-20
82-BTM-JCM-JCM-040606	04	1/4"-19	06	9/16"-18	06	9/16"-18
82-BTM-JCM-JCM-060808	06	3/8"-19	08	3/4"-16	08	3/4"-16
82-BTM-JCM-JCM-080808	08	1/2"-14	08	3/4"-16	08	3/4"-16
82-BTM-JCM-JCM-121212	12	3/4"-14	12	1-1/16"-12	12	1-1/16"-12
82-BTM-JCM-JCM-161616	16	1"-11	16	1-5/16"-12	16	1-5/16"-12

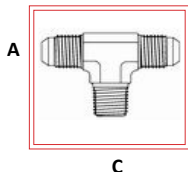
JIC MALE - JIC MALE - BSPP MALE TEE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-JCM-JCM-BPM-040402	04	7/16"-20	04	7/16"-20	02	1/8"-28
82-JCM-JCM-BPM-040404	04	7/16"-20	04	7/16"-20	04	1/4"-19
82-JCM-JCM-BPM-060604	06	9/16"-18	06	9/16"-18	04	1/4"-19
82-JCM-JCM-BPM-060606	06	9/16"-18	06	9/16"-18	06	3/8"-19
82-JCM-JCM-BPM-080806	08	3/4"-16	08	3/4"-16	06	3/8"-19
82-JCM-JCM-BPM-080808	08	3/4"-16	08	3/4"-16	08	1/2"-14
82-JCM-JCM-BPM-101008	10	7/8"-14	10	7/8"-14	08	1/2"-14
82-JCM-JCM-BPM-121212	12	1-1/16"-12	12	1-1/16"-12	12	3/4"-14
82-JCM-JCM-BPM-161616	16	1-5/16"-12	16	1-5/16"-12	16	1"-11
82-JCM-JCM-BPM-202020	20	1-5/8"-12	20	1-5/8"-12	20	1-1/4"-11

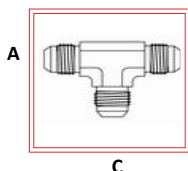
HYDRAULIC ADAPTORS

JIC MALE - JIC MALE - BSPT MALE TEE



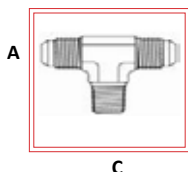
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-JCM-JCM-BTM-040402	04	7/16"-20	04	7/16"-20	02	1/8"-28
82-JCM-JCM-BTM-040404	04	7/16"-20	04	7/16"-20	04	1/4"-19
82-JCM-JCM-BTM-060604	06	9/16"-18	06	9/16"-18	04	1/4"-19
82-JCM-JCM-BTM-060606	06	9/16"-18	06	9/16"-18	06	3/8"-19
82-JCM-JCM-BTM-060608	06	9/16"-18	06	9/16"-18	08	1/2"-14
82-JCM-JCM-BTM-080804	08	3/4"-16	08	3/4"-16	04	1/4"-19
82-JCM-JCM-BTM-080806	08	3/4"-16	08	3/4"-16	06	3/8"-19
82-JCM-JCM-BTM-080808	08	3/4"-16	08	3/4"-16	08	1/2"-14
82-JCM-JCM-BTM-080812	08	3/4"-16	08	3/4"-16	12	3/4"-14
82-JCM-JCM-BTM-101006	10	7/8"-14	10	7/8"-14	06	3/8"-19
82-JCM-JCM-BTM-101008	10	7/8"-14	10	7/8"-14	08	1/2"-14
82-JCM-JCM-BTM-121212	12	1-1/16"-12	12	1-1/16"-12	12	3/4"-14

JIC MALE - JIC MALE - JIC MALE TEE



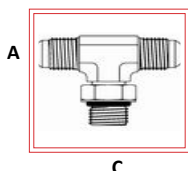
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-JCM-JCM-JCM-040404	04	7/16"-20	04	7/16"-20	04	7/16"-20
82-JCM-JCM-JCM-050505	05	1/2"-20	05	1/2"-20	05	1/2"-20
82-JCM-JCM-JCM-060606	06	9/16"-18	06	9/16"-18	06	9/16"-18
82-JCM-JCM-JCM-060608	06	9/16"-18	06	9/16"-18	08	3/4"-16
82-JCM-JCM-JCM-080808	08	3/4"-16	08	3/4"-16	08	3/4"-16
82-JCM-JCM-JCM-101010	10	7/8"-14	10	7/8"-14	10	7/8"-14
82-JCM-JCM-JCM-121212	12	1-1/16"-12	12	1-1/16"-12	12	1-1/16"-12
82-JCM-JCM-JCM-161612	16	1-5/16"-12	16	1-5/16"-12	12	1-1/16"-12
82-JCM-JCM-JCM-161616	16	1-5/16"-12	16	1-5/16"-12	16	1-5/16"-12
82-JCM-JCM-JCM-202020	20	1-5/8"-12	20	1-5/8"-12	20	1-5/8"-12
82-JCM-JCM-JCM-242424	24	1-7/8"-12	24	1-7/8"-12	24	1-7/8"-12
82-JCM-JCM-JCM-323232	32	2-1/2"-12	32	2-1/2"-12	32	2-1/2"-12

JIC MALE - JIC MALE - NPT MALE TEE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-JCM-JCM-NPM-040404	04	7/16"-20	04	7/16"-20	04	1/4"-18
82-JCM-JCM-NPM-060604	06	9/16"-18	06	9/16"-18	04	1/4"-18
82-JCM-JCM-NPM-060606	06	9/16"-18	06	9/16"-18	06	3/8"-18
82-JCM-JCM-NPM-060608	06	9/16"-18	06	9/16"-18	08	1/2"-14
82-JCM-JCM-NPM-080806	08	3/4"-16	08	3/4"-16	06	3/8"-18
82-JCM-JCM-NPM-080808	08	3/4"-16	08	3/4"-16	08	1/2"-14
82-JCM-JCM-NPM-121212	12	1-1/16"-12	12	1-1/16"-12	12	3/4"-14

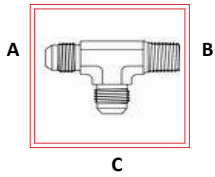
JIC MALE - JIC MALE - UNO MALE TEE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-JCM-JCM-UNM-040404	04	7/16"-20	04	7/16"-20	04	7/16"-20
82-JCM-JCM-UNM-060606	06	9/16"-18	06	9/16"-18	06	9/16"-18
82-JCM-JCM-UNM-060608	06	9/16"-18	06	9/16"-18	08	3/4"-16
82-JCM-JCM-UNM-080808	08	3/4"-16	08	3/4"-16	08	3/4"-16
82-JCM-JCM-UNM-101010	10	7/8"-14	10	7/8"-14	10	7/8"-14
82-JCM-JCM-UNM-121212	12	1-1/16"-12	12	1-1/16"-12	12	1-1/16"-12
82-JCM-JCM-UNM-161616	16	1-5/16"-12	16	1-5/16"-12	16	1-5/16"-12
82-JCM-JCM-UNM-202020	20	1-5/8"-12	20	1-5/8"-12	20	1-5/8"-12

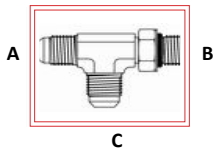
HYDRAULIC ADAPTORS

JIC MALE - NPT MALE - JIC MALE TEE



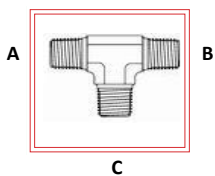
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-JCM-NPM-JCM-040204	04	7/16"-20	02	1/8"-27	04	7/16"-20
82-JCM-NPM-JCM-040404	04	7/16"-20	04	1/4"-18	04	7/16"-20
82-JCM-NPM-JCM-060406	06	9/16"-18	04	1/4"-18	06	9/16"-18
82-JCM-NPM-JCM-060606	06	9/16"-18	06	3/8"-18	06	9/16"-18
82-JCM-NPM-JCM-080608	08	3/4"-16	06	3/8"-18	08	3/4"-16
82-JCM-NPM-JCM-080808	08	3/4"-16	08	1/2"-14	08	3/4"-16
82-JCM-NPM-JCM-121212	12	1-1/16"-12	12	3/4"-14	12	1-1/16"-12

JIC MALE - UNO MALE - JIC MALE TEE



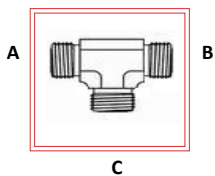
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-JCM-UNM-JCM-040404	04	7/16"-20	04	7/16"-20	04	7/16"-20
82-JCM-UNM-JCM-060606	06	9/16"-18	06	9/16"-18	06	9/16"-18
82-JCM-UNM-JCM-080808	08	3/4"-16	08	3/4"-16	08	3/4"-16
82-JCM-UNM-JCM-081008	08	3/4"-16	10	7/8"-14	08	3/4"-16
82-JCM-UNM-JCM-101010	10	7/8"-14	10	7/8"-14	10	7/8"-14
82-JCM-UNM-JCM-121212	12	1-1/16"-12	12	1-1/16"-12	12	1-1/16"-12
82-JCM-UNM-JCM-161616	16	1-5/16"-12	16	1-5/16"-12	16	1-5/16"-12
82-JCM-UNM-JCM-202020	20	1-5/8"-12	20	1-5/8"-12	20	1-5/8"-12

NPT M - NPT M - NPT M TEE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-NPM-NPM-NPM-020202	02	1/8"-28	02	1/8"-28	02	1/8"-28
82-NPM-NPM-NPM-040404	04	9/16"-18	04	9/16"-18	04	9/16"-18
82-NPM-NPM-NPM-060606	06	11/16"-16	06	11/16"-16	06	11/16"-16
82-NPM-NPM-NPM-080808	08	13/16"-16	08	13/16"-16	08	13/16"-16
82-NPM-NPM-NPM-121212	12	1-3/16"-12	12	1-3/16"-12	12	1-3/16"-12
82-NPM-NPM-NPM-161616	16	1-7/16"-12	16	1-7/16"-12	16	1-7/16"-12

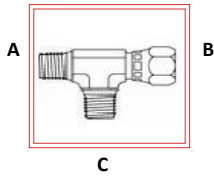
ORFS MALE - ORFS MALE - ORFS MALE TEE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-OFM-OFM-OFM-040404	04	9/16"-18	04	9/16"-18	04	9/16"-18
82-OFM-OFM-OFM-060606	06	11/16"-16	06	11/16"-16	06	11/16"-16
82-OFM-OFM-OFM-080808	08	13/16"-16	08	13/16"-16	08	13/16"-16
82-OFM-OFM-OFM-101010	10	1"-14	10	1"-14	10	1"-14
82-OFM-OFM-OFM-121212	12	1-3/16"-12	12	1-3/16"-12	12	1-3/16"-12
82-OFM-OFM-OFM-161616	16	1-7/16"-12	16	1-7/16"-12	16	1-7/16"-12
82-OFM-OFM-OFM-202020	20	1-11/16"-12	20	1-11/16"-12	20	1-11/16"-12

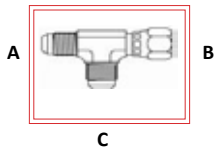
TEE MALE - FEMALE - MALE

BSPT MALE - BSP FEMALE SWIVEL - BSPT MALE TEE



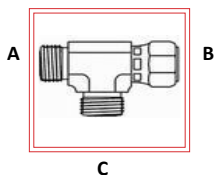
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-BTM-BPFX-BTM-040404	04	1/4"-19	04	1/4"-19	04	1/4"-19
82-BTM-BPFX-BTM-060606	06	3/8"-19	06	3/8"-19	06	3/8"-19
82-BTM-BPFX-BTM-080808	08	1/2"-14	08	1/2"-14	08	1/2"-14
82-BTM-BPFX-BTM-121212	12	3/4"-14	12	3/4"-14	12	3/4"-14
82-BTM-BPFX-BTM-161616	16	1"-11	16	1"-11	16	1"-11
82-BTM-BPFX-BTM-202020	20	1-1/4"-11	20	1-1/4"-11	20	1-1/4"-11

JIC MALE - JIC FEMALE SWIVEL - JIC MALE TEE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-JCM-JCFX-JCM-040404	04	7/16"-20	04	7/16"-20	04	7/16"-20
82-JCM-JCFX-JCM-050505	05	1/2"-20	05	1/2"-20	05	1/2"-20
82-JCM-JCFX-JCM-060606	06	9/16"-18	06	9/16"-18	06	9/16"-18
82-JCM-JCFX-JCM-080808	08	3/4"-16	08	3/4"-16	08	3/4"-16
82-JCM-JCFX-JCM-101010	10	7/8"-14	10	7/8"-14	10	7/8"-14
82-JCM-JCFX-JCM-101210	10	7/8"-14	12	1-1/16"-12	10	7/8"-14
82-JCM-JCFX-JCM-121212	12	1-1/16"-12	12	1-1/16"-12	12	1-1/16"-12
82-JCM-JCFX-JCM-161616	16	1-5/16"-12	16	1-5/16"-12	16	1-5/16"-12
82-JCM-JCFX-JCM-202020	20	1-5/8"-12	20	1-5/8"-12	20	1-5/8"-12
82-JCM-JCFX-JCM-242424	24	1-7/8"-12	24	1-7/8"-12	24	1-7/8"-12
82-JCM-JCFX-JCM-323232	32	2-1/2"-12	32	2-1/2"-12	32	2-1/2"-12

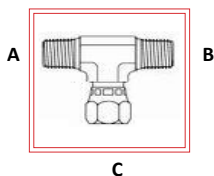
ORFS MALE - ORFS FEMALE SWIVEL - ORFS MALE TEE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-OFM-OFFX-OFM-040404	04	9/16"-18	04	9/16"-18	04	9/16"-18
82-OFM-OFFX-OFM-060606	06	11/16"-16	06	11/16"-16	06	11/16"-16
82-OFM-OFFX-OFM-080808	08	13/16"-16	08	13/16"-16	08	13/16"-16
82-OFM-OFFX-OFM-101010	10	1"-14	10	1"-14	10	1"-14
82-OFM-OFFX-OFM-121212	12	1-3/16"-12	12	1-3/16"-12	12	1-3/16"-12
82-OFM-OFFX-OFM-161616	16	1-7/16"-12	16	1-7/16"-12	16	1-7/16"-12
82-OFM-OFFX-OFM-202020	20	1-11/16"-12	20	1-11/16"-12	20	1-11/16"-12
82-OFM-OFFX-OFM-242424	24	2"-12	24	2"-12	24	2"-12

TEE MALE - MALE - FEMALE

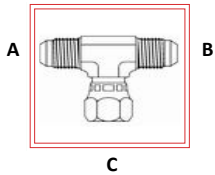
BSPT MALE - BSPT MALE - BSP FEMALE SWIVEL TEE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-BTM-BTM-BPFX-040404	04	1/4"-19	04	1/4"-19	04	1/4"-19
82-BTM-BTM-BPFX-060606	06	3/8"-19	06	3/8"-19	06	3/8"-19
82-BTM-BTM-BPFX-080808	08	1/2"-14	08	1/2"-14	08	1/2"-14
82-BTM-BTM-BPFX-121212	12	3/4"-14	12	3/4"-14	12	3/4"-14
82-BTM-BTM-BPFX-161616	16	1"-11	16	1"-11	16	1"-11

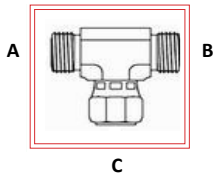
HYDRAULIC ADAPTORS

JIC MALE - JIC MALE - JIC FEMALE SWIVEL TEE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-JCM-JCM-JCFX-040404	04	7/16"-20	04	7/16"-20	04	7/16"-20
82-JCM-JCM-JCFX-050505	05	1/2"-20	05	1/2"-20	05	1/2"-20
82-JCM-JCM-JCFX-060606	06	9/16"-18	06	9/16"-18	06	9/16"-18
82-JCM-JCM-JCFX-080808	08	3/4"-16	08	3/4"-16	08	3/4"-16
82-JCM-JCM-JCFX-101010	10	7/8"-14	10	7/8"-14	10	7/8"-14
82-JCM-JCM-JCFX-121212	12	1-1/16"-12	12	1-1/16"-12	12	1-1/16"-12
82-JCM-JCM-JCFX-161616	16	1-5/16"-12	16	1-5/16"-12	16	1-5/16"-12
82-JCM-JCM-JCFX-202020	20	1-5/8"-12	20	1-5/8"-12	20	1-5/8"-12
82-JCM-JCM-JCFX-242424	24	1-7/8"-12	24	1-7/8"-12	24	1-7/8"-12

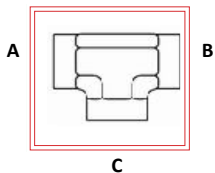
ORFS MALE - ORFS MALE - ORFS FEMALE SWIVEL TEE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-OFM-OFM-OFFX-040404	04	9/16"-18	04	9/16"-18	04	9/16"-18
82-OFM-OFM-OFFX-060606	06	11/16"-16	06	11/16"-16	06	11/16"-16
82-OFM-OFM-OFFX-080808	08	13/16"-16	08	13/16"-16	08	13/16"-16
82-OFM-OFM-OFFX-101010	10	1"-14	10	1"-14	10	1"-14
82-OFM-OFM-OFFX-121212	12	1-3/16"-12	12	1-3/16"-12	12	1-3/16"-12
82-OFM-OFM-OFFX-161616	16	1-7/16"-12	16	1-7/16"-12	16	1-7/16"-12
82-OFM-OFM-OFFX-202020	20	1-11/16"-12	20	1-11/16"-12	20	1-11/16"-12
82-OFM-OFM-OFFX-242424	24	2"-12	24	2"-12	24	2"-12

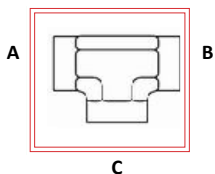
TEE FEMALE - FEMALE - FEMALE

BSPT FIXED FEMALE - BSPT FIXED FEMALE - BSPT FIXED FEMALE TEE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-BTF-BTF-BTF-020202	02	1/8"-28	02	1/8"-28	02	1/8"-28
82-BTF-BTF-BTF-040404	04	1/4"-19	04	1/4"-19	04	1/4"-19
82-BTF-BTF-BTF-060606	06	3/8"-19	06	3/8"-19	06	3/8"-19
82-BTF-BTF-BTF-080808	08	1/2"-14	08	1/2"-14	08	1/2"-14
82-BTF-BTF-BTF-121212	12	3/4"-14	12	3/4"-14	12	3/4"-14
82-BTF-BTF-BTF-161616	16	1"-11	16	1"-11	16	1"-11
82-BTF-BTF-BTF-202020	20	1-1/4"-11	20	1-1/4"-11	20	1-1/4"-11
82-BTF-BTF-BTF-242424	24	1-1/2"-11	24	1-1/2"-11	24	1-1/2"-11

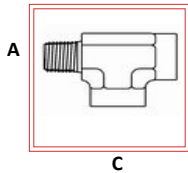
NPT FIXED FEMALE - NPT FIXED FEMALE - NPT FIXED FEMALE TEE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-NPF-NPF-NPF-020202	02	1/8"-27	02	1/8"-27	02	1/8"-27
82-NPF-NPF-NPF-040404	04	1/4"-18	04	1/4"-18	04	1/4"-18
82-NPF-NPF-NPF-060606	06	3/8"-18	06	3/8"-18	06	3/8"-18
82-NPF-NPF-NPF-080808	08	1/2"-14	08	1/2"-14	08	1/2"-14
82-NPF-NPF-NPF-121212	12	3/4"-14	12	3/4"-14	12	3/4"-14
82-NPF-NPF-NPF-161616	16	1"-11 1/2	16	1"-11 1/2	16	1"-11 1/2
82-NPF-NPF-NPF-202020	20	1-1/4"-11 1/2	20	1-1/4"-11 1/2	20	1-1/4"-11 1/2
82-NPF-NPF-NPF-242424	24	1-1/2"-11 1/2	24	1-1/2"-11 1/2	24	1-1/2"-11 1/2
82-NPF-NPF-NPF-323232	32	2"-11 1/2	32	2"-11 1/2	32	2"-11 1/2

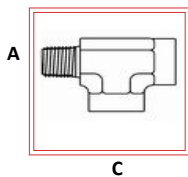
TEE MALE - FEMALE - FEMALE

BSPT MALE - BSPT FIXED FEMALE - BSPT FIXED FEMALE TEE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-BTM-BTF-BTF-020202	02	1/8"-28	02	1/8"-28	02	1/8"-28
82-BTM-BTF-BTF-040404	04	1/4"-19	04	1/4"-19	04	1/4"-19
82-BTM-BTF-BTF-060606	06	3/8"-19	06	3/8"-19	06	3/8"-19
82-BTM-BTF-BTF-080808	08	1/2"-14	08	1/2"-14	08	1/2"-14
82-BTM-BTF-BTF-121212	12	3/4"-14	12	3/4"-14	12	3/4"-14
82-BTM-BTF-BTF-161616	16	1"-11	16	1"-11	16	1"-11

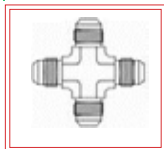
NPT MALE - NPT FIXED FEMALE - NPT FIXED FEMALE TEE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-NPM-NPF-NPF-060606	06	3/8"-18	06	3/8"-18	06	3/8"-18
82-NPM-NPF-NPF-080808	08	1/2"-14	08	1/2"-14	08	1/2"-14
82-NPM-NPF-NPF-121212	12	3/4"-14	12	3/4"-14	12	3/4"-14
82-NPM-NPF-NPF-161616	16	1"-11 1/2	16	1"-11 1/2	16	1"-11 1/2
82-NPM-NPF-NPF-202020	20	1-1/4"-11 1/2	20	1-1/4"-11 1/2	20	1-1/4"-11 1/2

MALE CROSS

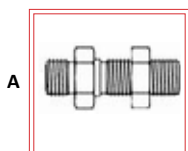
JIC MALE - JIC MALE - JIC MALE - JIC MALE EQUAL CROSS



PART NUMBER	DASH SIZE A	THREAD SIZE A
82-JCM-JCM-JCM-JCM-04	04	7/16"-20
82-JCM-JCM-JCM-JCM-06	06	9/16"-18
82-JCM-JCM-JCM-JCM-08	08	3/4"-16
82-JCM-JCM-JCM-JCM-10	10	7/8"-14
82-JCM-JCM-JCM-JCM-12	12	1-1/16"-12
82-JCM-JCM-JCM-JCM-16	16	1-5/16"-12

BULKHEAD STRAIGHT

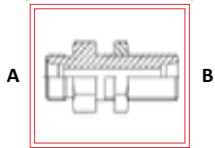
BSPP MALE - BSPP MALE BULKHEAD



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-BPM-BPMB-0404	04	1/4"-19	04	1/4"-19
82-BPM-BPMB-0606	06	3/8"-19	06	3/8"-19
82-BPM-BPMB-0808	08	1/2"-14	08	1/2"-14
82-BPM-BPMB-1212	12	3/4"-14	12	3/4"-14
82-BPM-BPMB-1616	16	1"-11	16	1"-11
82-BPM-BPMB-2020	20	1-1/4"-11	20	1-1/4"-11
82-BPM-BPMB-2424	24	1-1/2"-11	24	1-1/2"-11

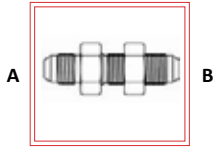
HYDRAULIC ADAPTORS

METRIC 24° LIGHT MALE - METRIC 24° LIGHT MALE BULKHEAD



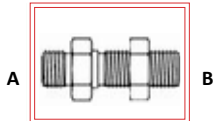
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-DLM-DLMB-1212	12	12x1.5	12	12x1.5
82-DLM-DLMB-1414	14	14x1.5	14	14x1.5
82-DLM-DLMB-1616	16	16x1.5	16	16x1.5
82-DLM-DLMB-1818	18	18x1.5	18	18x1.5
82-DLM-DLMB-2222	22	22x1.5	22	22x1.5
82-DLM-DLMB-2626	26	26x1.5	26	26x1.5
82-DLM-DLMB-3030	30	30x2.0	30	30x2.0
82-DLM-DLMB-3636	36	36x2.0	36	36x2.0
82-DLM-DLMB-4545	45	45x2.0	45	45x2.0

JIC MALE - JIC MALE BULKHEAD



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-JCMB-0404	04	7/16"-20	04	7/16"-20
82-JCM-JCMB-0505	05	1/2"-20	05	1/2"-20
82-JCM-JCMB-0606	06	9/16"-18	06	9/16"-18
82-JCM-JCMB-0808	08	3/4"-16	08	3/4"-16
82-JCM-JCMB-1010	10	7/8"-14	10	7/8"-14
82-JCM-JCMB-1212	12	1-1/16"-12	12	1-1/16"-12
82-JCM-JCMB-1616	16	1-5/16"-12	16	1-5/16"-12
82-JCM-JCMB-2020	20	1-5/8"-12	20	1-5/8"-12
82-JCM-JCMB-2424	24	1-7/8"-12	24	1-7/8"-12
82-JCM-JCMB-3232	32	2-1/2"-12	32	2-1/2"-12

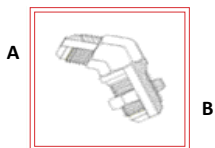
ORFS MALE - ORFS MALE BULKHEAD



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-OFM-OFMB-0404	04	9/16"-18	04	9/16"-18
82-OFM-OFMB-0606	06	11/16"-16	06	11/16"-16
82-OFM-OFMB-0808	08	13/16"-16	08	13/16"-16
82-OFM-OFMB-0810	08	13/16"-16	10	1"-14
82-OFM-OFMB-1010	10	1"-14	10	1"-14
82-OFM-OFMB-1012	10	1"-14	12	1-3/16"-12
82-OFM-OFMB-1212	12	1-3/16"-12	12	1-3/16"-12
82-OFM-OFMB-1616	16	1-7/16"-12	16	1-7/16"-12
82-OFM-OFMB-2020	20	1-11/16"-12	20	1-11/16"-12

BULKHEAD 45 DEGREE

JIC MALE - MALE BULKHEAD 45DEG



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-JCMB45-0404	04	7/16"-20	04	7/16"-20
82-JCM-JCMB45-0808	08	3/4"-16	08	3/4"-16
82-JCM-JCMB45-1010	10	7/8"-14	10	7/8"-14
82-JCM-JCMB45-1212	12	1-1/16"-12	12	1-1/16"-12
82-JCM-JCMB45-1616	16	1-5/16"-12	16	1-5/16"-12

HYDRAULIC ADAPTORS

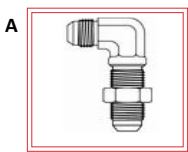
ORFS MALE - ORFS MALE BULKHEAD 45° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-OFM-OFMB45-1616	16	1-7/16"-12	16	1-7/16"-12

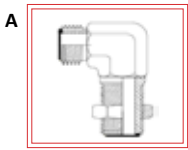
BULKHEAD 90 DEGREE

JIC MALE - JIC MALE BULKHEAD 90° ELBOW



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-JCM-JCMB90-0404	04	7/16"-20	04	7/16"-20
82-JCM-JCMB90-0505	05	1/2"-20	05	1/2"-20
82-JCM-JCMB90-0606	06	9/16"-18	06	9/16"-18
82-JCM-JCMB90-0808	08	3/4"-16	08	3/4"-16
82-JCM-JCMB90-1010	10	7/8"-14	10	7/8"-14
82-JCM-JCMB90-1212	12	1-1/16"-12	12	1-1/16"-12
82-JCM-JCMB90-1616	16	1-5/16"-12	16	1-5/16"-12
82-JCM-JCMB90-2020	20	1-5/8"-12	20	1-5/8"-12
82-JCM-JCMB90-2424	24	1-7/8"-12	24	1-7/8"-12

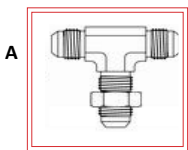
ORFS MALE - ORFS MALE BULKHEAD 90DEG



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B
82-OFM-OFMB90-0808	08	3/4"-16	08	3/4"-16
82-OFM-OFMB90-1212	12	1-1/16"-12	12	1-1/16"-12

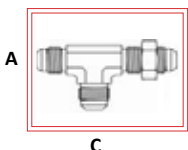
BULKHEAD TEE

JIC MALE - JIC MALE - JIC MALE BULKHEAD TEE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-JCM-JCM-JCMB-040404	04	7/16"-20	04	7/16"-20	04	7/16"-20
82-JCM-JCM-JCMB-060606	06	9/16"-18	06	9/16"-18	06	9/16"-18
82-JCM-JCM-JCMB-080808	08	3/4"-16	08	3/4"-16	08	3/4"-16
82-JCM-JCM-JCMB-101010	10	7/8"-14	10	7/8"-14	10	7/8"-14
82-JCM-JCM-JCMB-121212	12	1-1/16"-12	12	1-1/16"-12	12	1-1/16"-12
82-JCM-JCM-JCMB-161616	16	1-5/16"-12	16	1-5/16"-12	16	1-5/16"-12
82-JCM-JCM-JCMB-202020	20	1-5/8"-12	20	1-5/8"-12	20	1-5/8"-12

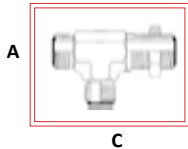
JIC MALE - JIC MALE BULKHEAD - JIC MALE TEE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-JCM-JCMB-JCM-040404	04	7/16"-20	04	7/16"-20	04	7/16"-20
82-JCM-JCMB-JCM-060606	06	9/16"-18	06	9/16"-18	06	9/16"-18
82-JCM-JCMB-JCM-101010	10	7/8"-14	10	7/8"-14	10	7/8"-14
82-JCM-JCMB-JCM-121212	12	1-1/16"-12	12	1-1/16"-12	12	1-1/16"-12
82-JCM-JCMB-JCM-161616	16	1-5/16"-12	16	1-5/16"-12	16	1-5/16"-12

HYDRAULIC ADAPTORS

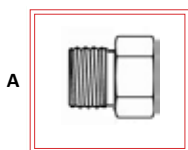
ORFS MALE - ORFS MALE BULKHEAD - ORFS MALE TEE



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	THREAD SIZE B	DASH SIZE C	THREAD SIZE C
82-OFM-OFMB-OFM-040404	04	9/16"-18	04	9/16"-18	04	9/16"-18

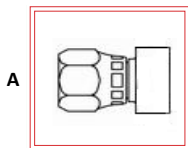
TUBE WELDS

BSPP MALE - TUBE WELD



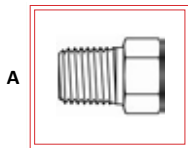
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	TUBE WELD SIZE B
82-BPM-TW-0404	04	1/4"-19	04	1/4"
82-BPM-TW-0406	04	1/4"-19	06	3/8"
82-BPM-TW-0606	06	3/8"-19	06	3/8"
82-BPM-TW-0608	06	3/8"-19	08	1/2"
82-BPM-TW-0808	08	1/2"-14	08	1/2"
82-BPM-TW-0810	08	1/2"-14	10	5/8"
82-BPM-TW-0812	08	1/2"-14	12	3/4"
82-BPM-TW-1212	12	3/4"-14	12	3/4"
82-BPM-TW-1216	12	3/4"-14	16	1"
82-BPM-TW-1616	16	1"-11	16	1"
82-BPM-TW-1620	16	1"-11	20	1-1/4"
82-BPM-TW-2020	20	1-1/4"-11	20	1-1/4"
82-BPM-TW-2420	24	1-1/2"-11	20	1-1/4"
82-BPM-TW-2432	24	1-1/2"-11	32	2"

BSP FEMALE - TUBE WELD



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	TUBE WELD SIZE B
82-BPFX-TW-0404	04	1/4"-19	04	1/4"
82-BPFX-TW-0606	06	3/8"-19	06	3/8"
82-BPFX-TW-0608	06	3/8"-19	08	1/2"
82-BPFX-TW-0808	08	1/2"-14	08	1/2"
82-BPFX-TW-1212	12	3/4"-14	12	3/4"
82-BPFX-TW-1616	16	1"-11	16	1"
82-BPFX-TW-2020	20	1-1/4"-11	20	1-1/4"
82-BPFX-TW-2424	24	1-1/2"-11	24	1-1/2"
82-BPFX-TW-3232	32	2"-11	32	2"

BSPT MALE - TUBE WELD

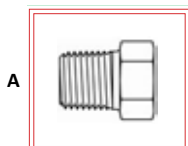


PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	TUBE WELD SIZE B
82-BTM-TW-0404	04	1/4"-19	04	1/4"
82-BTM-TW-0406	04	1/4"-19	06	3/8"
82-BTM-TW-0606	06	3/8"-19	06	3/8"
82-BTM-TW-0608	06	3/8"-19	08	1/2"
82-BTM-TW-0808	08	1/2"-14	08	1/2"
82-BTM-TW-0810	08	1/2"-14	10	5/8"
82-BTM-TW-0812	08	1/2"-14	12	3/4"
82-BTM-TW-1212	12	3/4"-14	12	3/4"

Continued on next page

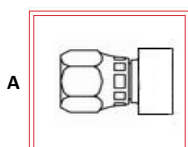
HYDRAULIC ADAPTORS

BSPT MALE - TUBE WELD



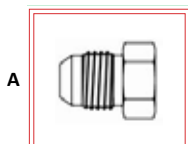
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	TUBE WELD SIZE B
82-BTM-TW-1216	12	3/4"-14	16	1"
82-BTM-TW-1616	16	1"-11	16	1"
82-BTM-TW-1620	16	1"-11	20	1-1/4"
82-BTM-TW-2020	20	1-1/4"-11	20	1-1/4"
82-BTM-TW-2424	24	1-1/2"-11	24	1-1/2"
82-BTM-TW-3232	32	2"-11	32	2"

JIC FEMALE - TUBE WELD



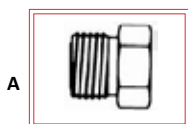
PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	TUBE WELD SIZE B
82-JCFX-TW-0404	04	7/16"-20	04	1/4"
82-JCFX-TW-0606	06	9/16"-18	06	3/8"
82-JCFX-TW-0806	08	3/4"-16	06	3/8"
82-JCFX-TW-0808	08	3/4"-16	08	1/2"
82-JCFX-TW-0810	08	3/4"-16	10	5/8"
82-JCFX-TW-1010	10	7/8"-14	10	5/8"
82-JCFX-TW-1212	12	1-1/16"-12	12	3/4"
82-JCFX-TW-1216	12	1-1/16"-12	16	1"
82-JCFX-TW-1616	16	1-5/16"-12	16	1"
82-JCFX-TW-2020	20	1-5/8"-12	20	1-1/4"
82-JCFX-TW-2424	24	1-7/8"-12	24	1-1/2"

JIC MALE - TUBE WELD



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	TUBE WELD SIZE B
82-JCM-TW-0404	04	7/16"-20	04	1/4"
82-JCM-TW-0406	04	7/16"-20	06	3/8"
82-JCM-TW-0606	06	9/16"-18	06	3/8"
82-JCM-TW-0808	08	3/4"-16	08	1/2"
82-JCM-TW-1008	10	7/8"-14	08	1/2"
82-JCM-TW-1010	10	7/8"-14	10	5/8"
82-JCM-TW-1212	12	1-1/16"-12	12	3/4"
82-JCM-TW-1216	12	1-1/16"-12	16	1"
82-JCM-TW-1616	16	1-5/16"-12	16	1"
82-JCM-TW-1620	16	1-5/16"-12	20	1-1/4"
82-JCM-TW-2020	20	1-5/8"-12	20	1-1/4"
82-JCM-TW-2024	20	1-5/8"-12	24	1-1/2"
82-JCM-TW-2424	24	1-7/8"-12	24	1-1/2"

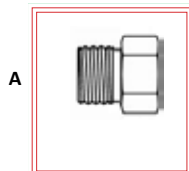
ORFS MALE - TUBE WELD



PART NUMBER	DASH SIZE A	THREAD SIZE A	DASH SIZE B	TUBE WELD SIZE B
82-OFM-TW-0406	04	9/16"-18	06	3/8"

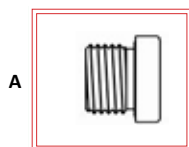
PLUGS

BSPP MALE PLUG



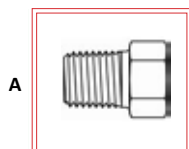
PART NUMBER	DASH SIZE A	THREAD SIZE A
82-BPP-02	02	1/8"-28
82-BPP-04	04	1/4"-19
82-BPP-06	06	3/8"-19
82-BPP-08	08	1/2"-14
82-BPP-10	10	5/8"-14
82-BPP-12	12	3/4"-14
82-BPP-16	16	1"-11
82-BPP-20	20	1-1/4"-11
82-BPP-24	24	1-1/2"-11
82-BPP-32	32	2"-11

BSPP MALE INTERNAL HEX PLUG



PART NUMBER	DASH SIZE A	THREAD SIZE A
82-BPPH-02	02	1/8"-28
82-BPPH-04	04	1/4"-19
82-BPPH-06	06	3/8"-19
82-BPPH-08	08	1/2"-14
82-BPPH-12	12	3/4"-14
82-BPPH-16	16	1"-11
82-BPPH-20	20	1-1/4"-11
82-BPPH-24	24	1-1/2"-11

BSPT MALE PLUG



PART NUMBER	DASH SIZE A	THREAD SIZE A
82-BTP-02	02	1/8"-28
82-BTP-04	04	1/4"-19
82-BTP-06	06	3/8"-19
82-BTP-08	08	1/2"-14
82-BTP-12	12	3/4"-14
82-BTP-16	16	1"-11
82-BTP-20	20	1-1/4"-11
82-BTP-24	24	1-1/2"-11
82-BTP-32	32	2"-11

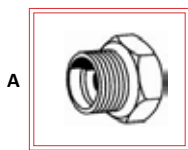
METRIC 24° HEAVY MALE PLUG



PART NUMBER	DASH SIZE A	THREAD SIZE A
82-DHP-14	14	14x1.5
82-DHP-16	16	16x1.5
82-DHP-18	18	18x1.5
82-DHP-20	20	20x1.5
82-DHP-22	22	22x1.5
82-DHP-24	24	24x1.5
82-DHP-30	30	30x2.0
82-DHP-36	36	36x2.0
82-DHP-42	42	42x2.0
82-DHP-52	52	52x2.0

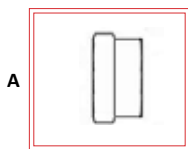
HYDRAULIC ADAPTORS

METRIC 24° LIGHT MALE PLUG



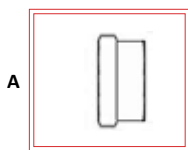
PART NUMBER	DASH SIZE A	THREAD SIZE A
82-DLP-12	12	12x1.5
82-DLP-14	14	14x1.5
82-DLP-16	16	16x1.5
82-DLP-18	18	18x1.5
82-DLP-22	22	22x1.5
82-DLP-26	26	26x1.5
82-DLP-30	30	30x2.0
82-DLP-36	36	36x2.0
82-DLP-45	45	45x2.0
82-DLP-52	52	52x2.0

CODE 62 FLANGE PLUG



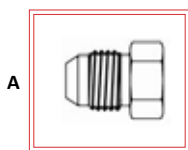
PART NUMBER	DASH SIZE A	FLANGE SIZE A
82-FHP-08	08	1/2"
82-FHP-12	12	3/4"
82-FHP-16	16	1"
82-FHP-20	20	1-1/4"
82-FHP-24	24	1-1/2"
82-FHP-32	32	2"

CODE 61 FLANGE PLUG



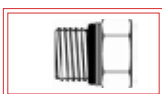
PART NUMBER	DASH SIZE A	FLANGE SIZE A
82-FLP-08	08	1/2"
82-FLP-12	12	3/4"
82-FLP-16	16	1"
82-FLP-20	20	1-1/4"
82-FLP-24	24	1-1/2"
82-FLP-32	32	2"
82-FLP-40	40	2-1/2"
82-FLP-48	48	3"

JIC MALE PLUG



PART NUMBER	DASH SIZE A	THREAD SIZE A
82-JCP-03	03	3/8"-24
82-JCP-04	04	7/16"-20
82-JCP-05	05	1/2"-20
82-JCP-06	06	9/16"-18
82-JCP-08	08	3/4"-16
82-JCP-10	10	7/8"-14
82-JCP-12	12	1-1/16"-12
82-JCP-14	14	1-3/16"-12
82-JCP-16	16	1-5/16"-12
82-JCP-20	20	1-5/8"-12
82-JCP-24	24	1-7/8"-12
82-JCP-32	32	2-1/2"-12

KOMATSU MALE PLUG



PART NUMBER	DASH SIZE A	THREAD SIZE A
82-KMP-33	33	33x1.5

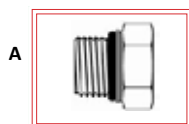
HYDRAULIC ADAPTORS

METRIC PORT MALE PLUG



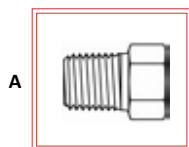
PART NUMBER	DASH SIZE A	THREAD SIZE A
82-MPP-10	10	10x1.0
82-MPP-12	12	12x1.5
82-MPP-16	16	16x1.5
82-MPP-18	18	18x1.5
82-MPP-20	20	20x1.5
82-MPP-22	22	22x1.5
82-MPP-24	24	24x1.5
82-MPP-26	26	26x1.5
82-MPP-27	27	27x2.0
82-MPP-30	30	30x2.0
82-MPP-33	33	33x2.0
82-MPP-38	38	38x2.0
82-MPP-42	42	42x2.0

METRIC PORT MALE INTERNAL HEX PLUG



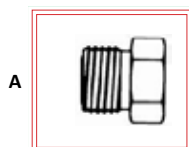
PART NUMBER	DASH SIZE A	THREAD SIZE A
82-MPPH-12	12	12x1.5
82-MPPH-14	14	14x1.5
82-MPPH-16	16	16x1.5
82-MPPH-20	20	20x1.5
82-MPPH-22	22	22x1.5
82-MPPH-24	24	24x1.5
82-MPPH-26	26	26x1.5

NPT MALE PLUG



PART NUMBER	DASH SIZE A	THREAD SIZE A
82-NPP-02	02	1/8"-27
82-NPP-04	04	1/4"-18
82-NPP-06	06	3/8"-18
82-NPP-08	08	1/2"-14
82-NPP-12	12	3/4"-14
82-NPP-16	16	1"-11 1/2
82-NPP-20	20	1-1/4"-11 1/2
82-NPP-24	24	1-1/2"-11 1/2
82-NPP-32	32	2"-11 1/2

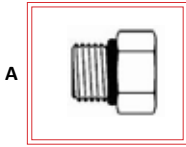
ORFS MALE PLUG



PART NUMBER	DASH SIZE A	THREAD SIZE A
82-OFPP-04	04	9/16"-18
82-OFPP-06	06	11/16"-16
82-OFPP-08	08	13/16"-16
82-OFPP-10	10	1"-14
82-OFPP-12	12	1-3/16"-12
82-OFPP-16	16	1-7/16"-12
82-OFPP-20	20	1-11/16"-12
82-OFPP-24	24	2"-12

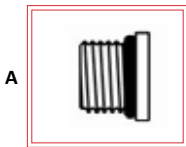
HYDRAULIC ADAPTORS

UNO MALE PLUG



PART NUMBER	DASH SIZE A	THREAD SIZE A
82-UNP-04	04	7/16"-20
82-UNP-05	05	1/2"-20
82-UNP-06	06	9/16"-18
82-UNP-08	08	3/4"-16
82-UNP-10	10	7/8"-14
82-UNP-12	12	1-1/16"-12
82-UNP-14	14	1-3/16"-12
82-UNP-16	16	1-5/16"-12
82-UNP-20	20	1-5/8"-12
82-UNP-24	24	1-7/8"-12
82-UNP-32	32	2-1/2"-12

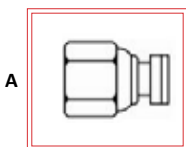
UNO MALE INTERNAL HEX PLUG



PART NUMBER	DASH SIZE A	THREAD SIZE A
82-UNPH-03	03	3/8"-24
82-UNPH-04	04	7/16"-20
82-UNPH-05	05	1/2"-20
82-UNPH-06	06	9/16"-18
82-UNPH-08	08	3/4"-16
82-UNPH-10	10	7/8"-14
82-UNPH-12	12	1-1/16"-12
82-UNPH-16	16	1-5/16"-12
82-UNPH-20	20	1-5/8"-12

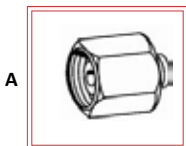
CAPS

BSP FEMALE CAP



PART NUMBER	DASH SIZE A	THREAD SIZE A
82-BPFXC-02	02	1/8"-28
82-BPFXC-04	04	1/4"-19
82-BPFXC-06	06	3/8"-19
82-BPFXC-08	08	1/2"-14
82-BPFXC-12	12	3/4"-14
82-BPFXC-16	16	1"-11
82-BPFXC-20	20	1-1/4"-11
82-BPFXC-24	24	1-1/2"-11
82-BPFXC-32	32	2"-11

METRIC 24° HEAVY FEMALE CAP

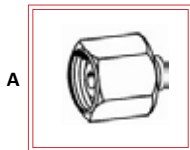


PART NUMBER	DASH SIZE A	THREAD SIZE A
82-DHC-14	14	14x1.5
82-DHC-16	16	16x1.5
82-DHC-18	18	18x1.5
82-DHC-20	20	20x1.5
82-DHC-22	22	22x1.5

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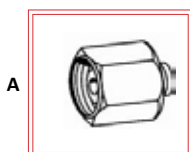
HYDRAULIC ADAPTORS

METRIC 24° HEAVY FEMALE CAP



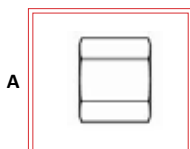
PART NUMBER	DASH SIZE A	THREAD SIZE A
82-DHC-24	24	24x1.5
82-DHC-30	30	30x2.0
82-DHC-36	36	36x2.0
82-DHC-42	42	42x2.0
82-DHC-52	52	52x2.0

METRIC 24° LIGHT FEMALE CAP



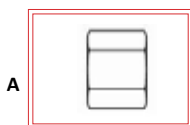
PART NUMBER	DASH SIZE A	THREAD SIZE A
82-DLC-12	12	12x1.5
82-DLC-14	14	14x1.5
82-DLC-16	16	16x1.5
82-DLC-18	18	18x1.5
82-DLC-22	22	22x1.5
82-DLC-26	26	26x1.5
82-DLC-30	30	30x2.0
82-DLC-36	36	36x2.0
82-DLC-45	45	45x2.0
82-DLC-52	52	52x2.0

JIC FEMALE CAP



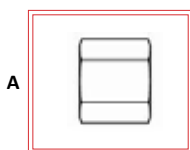
PART NUMBER	DASH SIZE A	THREAD SIZE A
82-JCC-03	03	3/8"-24
82-JCC-04	04	7/16"-20
82-JCC-05	05	1/2"-20
82-JCC-06	06	9/16"-18
82-JCC-08	08	3/4"-16
82-JCC-10	10	7/8"-14
82-JCC-12	12	1-1/16"-12
82-JCC-14	14	1-3/16"-12
82-JCC-16	16	1-5/16"-12
82-JCC-20	20	1-5/8"-12
82-JCC-24	24	1-7/8"-12
82-JCC-32	32	2-1/2"-12

NPT FEMALE CAP



PART NUMBER	DASH SIZE A	THREAD SIZE A
82-NPC-04	04	1/4"-18
82-NPC-12	12	3/4"-14
82-NPC-16	16	1"-11 1/2

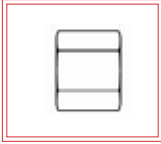
ORFS FEMALE CAP



PART NUMBER	DASH SIZE A	THREAD SIZE A
82-OFC-04	04	9/16"-18
82-OFC-06	06	11/16"-16
82-OFC-08	08	13/16"-16
82-OFC-10	10	1"-14
82-OFC-12	12	1-3/16"-12
82-OFC-16	16	1-7/16"-12
82-OFC-20	20	1-11/16"-12
82-OFC-24	24	2"-12

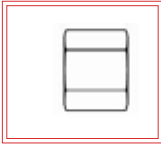
TUBE NUT & SLEEVE

JIC TUBE NUT



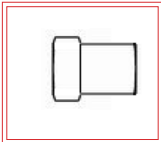
PART NUMBER	DASH SIZE A	THREAD SIZE A
82-JCTN-04	04	7/16"-20
82-JCTN-05	05	1/2"-20
82-JCTN-06	06	9/16"-18
82-JCTN-08	08	3/4"-16
82-JCTN-10	10	7/8"-14
82-JCTN-12	12	1-1/16"-12
82-JCTN-16	16	1-5/16"-12
82-JCTN-20	20	1-5/8"-12
82-JCTN-24	24	1-7/8"-12

JIC FLARELESS TUBE NUT



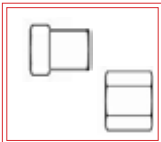
PART NUMBER	DASH SIZE A	TUBE SIZE A
82-JCFN-04	04	7/16"-20
82-JCFN-06	06	9/16"-18
82-JCFN-08	08	3/4"-16
82-JCFN-10	10	7/8"-14
82-JCFN-12	12	1-1/16"-12
82-JCFN-16	16	1-5/16"-12

JIC TUBE SLEEVE



PART NUMBER	DASH SIZE A	TUBE SIZE A
82-JCTS-04	04	1/4"
82-JCTS-05	05	5/16"
82-JCTS-06	06	3/8"
82-JCTS-08	08	1/2"
82-JCTS-10	10	5/8"
82-JCTS-12	12	3/4"
82-JCTS-16	16	1"
82-JCTS-20	20	1-1/4"
82-JCTS-24	24	1-1/2"

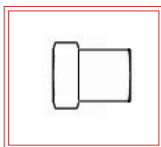
JIC TUBE NUT & SLEEVE



PART NUMBER	DASH SIZE A	TUBE SIZE A
82-JCTNS-0404	04	7/16"-20
82-JCTNS-0505	05	1/2"-20
82-JCTNS-0606	06	9/16"-18
82-JCTNS-0808	08	3/4"-16
82-JCTNS-1010	10	7/8"-14
82-JCTNS-1212	12	1-1/16"-12
82-JCTNS-1616	16	1-5/16"-12

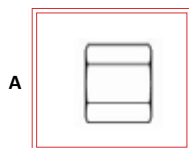
HYDRAULIC ADAPTORS

JIC FLARELESS TUBE SLEEVE



PART NUMBER	DASH SIZE A	TUBE SIZE A
82-JCFS-04	04	1/4"
82-JCFS-06	06	3/8"
82-JCFS-08	08	1/2"
82-JCFS-10	10	5/8"
82-JCFS-12	12	3/4"
82-JCFS-16	16	1"

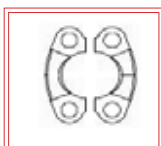
ORFS TUBE NUT



PART NUMBER	DASH SIZE A	THREAD SIZE A
82-OFTN-04	04	9/16"-18
82-OFTN-06	06	11/16"-16
82-OFTN-08	08	13/16"-16
82-OFTN-10	10	1"-14
82-OFTN-12	12	1-3/16"-12
82-OFTN-16	16	1-7/16"-12
82-OFTN-20	20	1-11/16"-12

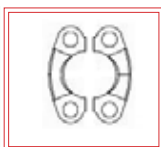
SPLIT FLANGE CLAMPS

CODE 62 SPLIT FLANGE CLAMP



PART NUMBER	DASH SIZE	FLANGE SIZE
82-FHSC-08	08	1/2"
82-FHSC-12	12	3/4"
82-FHSC-16	16	1"
82-FHSC-20	20	1-1/4"
82-FHSC-24	24	1-1/2"
82-FHSC-32	32	2"

CODE 61 SPLIT FLANGE CLAMP



PART NUMBER	DASH SIZE	FLANGE SIZE
82-FLSC-08	08	1/2"
82-FLSC-12	12	3/4"
82-FLSC-16	16	1"
82-FLSC-20	20	1-1/4"
82-FLSC-24	24	1-1/2"
82-FLSC-32	32	2"
82-FLSC-40	40	2-1/2"
82-FLSC-48	48	3"
82-FLSC-56	56	3-1/2"
82-FLSC-64	64	4"
82-FLSC-80	80	5"

O-RINGS / DOWTY WASHERS

BSPP CAPTIVE SEAL



PART NUMBER	DASH SIZE	THREAD SIZE
82-CSB-02	02	1/8"-28
82-CSB-04	04	1/4"-19
82-CSB-06	06	3/8"-19
82-CSB-08	08	1/2"-14
82-CSB-12	12	3/4"-14
82-CSB-16	16	1"-11
82-CSB-20	20	1-1/4"-11

BSPP DOWTY WASHER



PART NUMBER	DASH SIZE	THREAD SIZE
82-DSB-02	02	1/8"-28
82-DSB-04	04	1/4"-19
82-DSB-06	06	3/8"-19
82-DSB-08	08	1/2"-14
82-DSB-12	12	3/4"-14
82-DSB-16	16	1"-11
82-DSB-20	20	1-1/4"-11
82-DSB-24	24	1-1/2"-11
82-DSB-32	32	2"-11

METRIC DOWTY WASHER



PART NUMBER	DASH SIZE	THREAD SIZE
82-DSM-10	10	10x1.0
82-DSM-12	12	12x1.5
82-DSM-14	14	14x1.5
82-DSM-16	16	16x1.5
82-DSM-18	18	18x1.5
82-DSM-20	20	20x1.5
82-DSM-22	22	22x1.5
82-DSM-24	24	24x1.5
82-DSM-27	27	27x2.0
82-DSM-30	30	30x2.0
82-DSM-33	33	33x2.0
82-DSM-36	36	36x2.0
82-DSM-42	42	42x2.0
82-DSM-48	48	48x2.0

CODE 61 & 62 O-RING



PART NUMBER	DASH SIZE	THREAD SIZE
82-O6162-08	08	1/2"
82-O6162-12	12	3/4"
82-O6162-16	16	1"
82-O6162-20	20	1-1/4"
82-O6162-24	24	1-1/2"
82-O6162-32	32	2"
82-O6162-40	40	2-1/2"
82-O6162-48	48	3"
82-O6162-48V	48	3"
82-O6162-64	64	4"

HYDRAULIC ADAPTORS

BSPP O-RING



PART NUMBER	DASH SIZE	THREAD SIZE
82-OBSPP-02	02	1/8"-28
82-OBSPP-04	04	1/4"-19
82-OBSPP-08	08	1/2"-14
82-OBSPP-12	12	3/4"-14
82-OBSPP-16	16	1"-11
82-OBSPP-20	20	1-1/4"-11
82-OBSPP-24	24	1-1/2"-11
82-OBSPP-32	32	2"-11

ORFS O-RING



PART NUMBER	DASH SIZE	THREAD SIZE
82-OORFS-04	04	9/16"-18
82-OORFS-06	06	11/16"-16
82-OORFS-08	08	13/16"-16
82-OORFS-10	10	1"-14
82-OORFS-12	12	1-3/16"-12
82-OORFS-16	16	1-7/16"-12
82-OORFS-20	20	1-11/16"-12
82-OORFS-24	24	2"-12

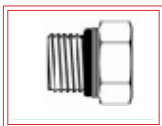
UNO O-RING



PART NUMBER	DASH SIZE	THREAD SIZE
82-OUNO-04	04	7/16"-20
82-OUNO-05	05	1/2"-20
82-OUNO-06	06	9/16"-18
82-OUNO-08	08	3/4"-16
82-OUNO-10	10	7/8"-14
82-OUNO-12	12	1-1/16"-12
82-OUNO-16	16	1-5/16"-12
82-OUNO-20	20	1-5/8"-12
82-OUNO-24	24	1-7/8"-12
82-OUNO-32	32	2-1/2"-12

HYDRAULIC ADAPTORS

METRIC PORT MALE PLUG



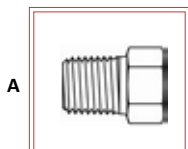
PART NUMBER	DASH SIZE A	THREAD SIZE A	LIST PRICE
82-MPP-10	10	10x1.0	\$ 7.12
82-MPP-12	12	12x1.5	\$ 8.72
82-MPP-16	16	16x1.5	\$ 9.88
82-MPP-18	18	18x1.5	\$ 10.52
82-MPP-20	20	20x1.5	\$ 10.76
82-MPP-22	22	22x1.5	\$ 11.60
82-MPP-24	24	24x1.5	\$ 14.48
82-MPP-26	26	26x1.5	\$ 20.16
82-MPP-27	27	27x2.0	\$ 20.24
82-MPP-30	30	30x2.0	\$ 25.40
82-MPP-33	33	33x2.0	\$ 28.24
82-MPP-38	38	38x2.0	\$ 30.84
82-MPP-42	42	42x2.0	\$ 48.56

METRIC PORT MALE INTERNAL HEX PLUG



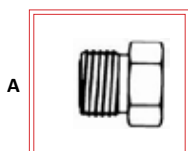
PART NUMBER	DASH SIZE A	THREAD SIZE A	LIST PRICE
82-MPPH-12	12	12x1.5	\$ 8.00
82-MPPH-14	14	14x1.5	\$ 8.24
82-MPPH-16	16	16x1.5	\$ 9.08
82-MPPH-20	20	20x1.5	\$ 9.88
82-MPPH-22	22	22x1.5	\$ 10.64
82-MPPH-24	24	24x1.5	\$ 11.84
82-MPPH-26	26	26x1.5	\$ 18.48

NPT MALE PLUG



PART NUMBER	DASH SIZE A	THREAD SIZE A	LIST PRICE
82-NPP-02	02	1/8"-27	\$ 3.84
82-NPP-04	04	1/4"-18	\$ 3.84
82-NPP-06	06	3/8"-18	\$ 6.40
82-NPP-08	08	1/2"-14	\$ 9.00
82-NPP-12	12	3/4"-14	\$ 11.04
82-NPP-16	16	1"-11 1/2	\$ 24.08
82-NPP-20	20	1-1/4"-11 1/2	\$ 31.56
82-NPP-24	24	1-1/2"-11 1/2	\$ 36.00
82-NPP-32	32	2"-11 1/2	\$ 63.68

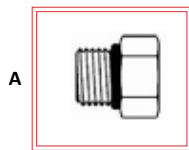
ORFS MALE PLUG



PART NUMBER	DASH SIZE A	THREAD SIZE A	LIST PRICE
82-OFPP-04	04	9/16"-18	\$ 5.88
82-OFPP-06	06	11/16"-16	\$ 7.24
82-OFPP-08	08	13/16"-16	\$ 8.12
82-OFPP-10	10	1"-14	\$ 11.60
82-OFPP-12	12	1-3/16"-12	\$ 14.88
82-OFPP-16	16	1-7/16"-12	\$ 26.48
82-OFPP-20	20	1-11/16"-12	\$ 52.92
82-OFPP-24	24	2"-12	\$ 80.40

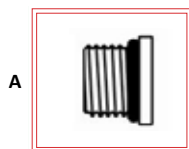
HYDRAULIC ADAPTORS

UNO MALE PLUG



PART NUMBER	DASH SIZE A	THREAD SIZE A	LIST PRICE
82-UNP-04	04	7/16"-20	\$ 5.88
82-UNP-05	05	1/2"-20	\$ 6.60
82-UNP-06	06	9/16"-18	\$ 5.44
82-UNP-08	08	3/4"-16	\$ 5.72
82-UNP-10	10	7/8"-14	\$ 6.68
82-UNP-12	12	1-1/16"-12	\$ 9.00
82-UNP-14	14	1-3/16"-12	\$ 19.20
82-UNP-16	16	1-5/16"-12	\$ 12.92
82-UNP-20	20	1-5/8"-12	\$ 26.12
82-UNP-24	24	1-7/8"-12	\$ 49.68
82-UNP-32	32	2-1/2"-12	\$ 118.24

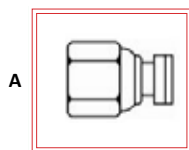
UNO MALE INTERNAL HEX PLUG



PART NUMBER	DASH SIZE A	THREAD SIZE A	LIST PRICE
82-UNPH-03	03	3/8"-24	\$ 5.52
82-UNPH-04	04	7/16"-20	\$ 5.88
82-UNPH-05	05	1/2"-20	\$ 6.68
82-UNPH-06	06	9/16"-18	\$ 5.44
82-UNPH-08	08	3/4"-16	\$ 5.72
82-UNPH-10	10	7/8"-14	\$ 6.68
82-UNPH-12	12	1-1/16"-12	\$ 9.00
82-UNPH-16	16	1-5/16"-12	\$ 12.92
82-UNPH-20	20	1-5/8"-12	\$ 26.12

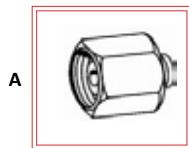
CAPS

BSP FEMALE CAP



PART NUMBER	DASH SIZE A	THREAD SIZE A	LIST PRICE
82-BPFXC-02	02	1/8"-28	\$ 8.20
82-BPFXC-04	04	1/4"-19	\$ 8.64
82-BPFXC-06	06	3/8"-19	\$ 10.84
82-BPFXC-08	08	1/2"-14	\$ 12.12
82-BPFXC-12	12	3/4"-14	\$ 13.92
82-BPFXC-16	16	1"-11	\$ 18.60
82-BPFXC-20	20	1-1/4"-11	\$ 71.72
82-BPFXC-24	24	1-1/2"-11	\$ 93.92
82-BPFXC-32	32	2"-11	\$ 123.36

METRIC 24° HEAVY FEMALE CAP

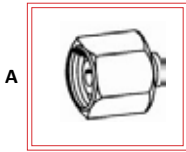


PART NUMBER	DASH SIZE A	THREAD SIZE A	LIST PRICE
82-DHC-14	14	14x1.5	\$ 8.36
82-DHC-16	16	16x1.5	\$ 10.08
82-DHC-18	18	18x1.5	\$ 12.28
82-DHC-20	20	20x1.5	\$ 16.40
82-DHC-22	22	22x1.5	\$ 16.92

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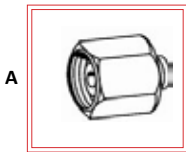
HYDRAULIC ADAPTORS

METRIC 24° HEAVY FEMALE CAP



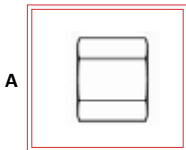
PART NUMBER	DASH SIZE A	THREAD SIZE A	LIST PRICE
82-DHC-24	24	24x1.5	\$ 22.72
82-DHC-30	30	30x2.0	\$ 35.84
82-DHC-36	36	36x2.0	\$ 46.08
82-DHC-42	42	42x2.0	\$ 73.60
82-DHC-52	52	52x2.0	\$ 84.48

METRIC 24° LIGHT FEMALE CAP



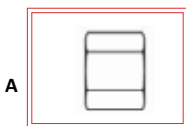
PART NUMBER	DASH SIZE A	THREAD SIZE A	LIST PRICE
82-DLC-12	12	12x1.5	\$ 7.84
82-DLC-14	14	14x1.5	\$ 8.04
82-DLC-16	16	16x1.5	\$ 9.56
82-DLC-18	18	18x1.5	\$ 12.28
82-DLC-22	22	22x1.5	\$ 16.04
82-DLC-26	26	26x1.5	\$ 25.96
82-DLC-30	30	30x2.0	\$ 35.84
82-DLC-36	36	36x2.0	\$ 48.48
82-DLC-45	45	45x2.0	\$ 77.88
82-DLC-52	52	52x2.0	\$ 84.48

JIC FEMALE CAP



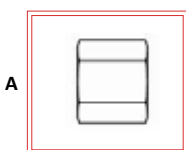
PART NUMBER	DASH SIZE A	THREAD SIZE A	LIST PRICE
82-JCC-03	03	3/8"-24	\$ 3.48
82-JCC-04	04	7/16"-20	\$ 3.48
82-JCC-05	05	1/2"-20	\$ 6.16
82-JCC-06	06	9/16"-18	\$ 3.48
82-JCC-08	08	3/4"-16	\$ 4.00
82-JCC-10	10	7/8"-14	\$ 4.28
82-JCC-12	12	1-1/16"-12	\$ 5.88
82-JCC-14	14	1-3/16"-12	\$ 17.84
82-JCC-16	16	1-5/16"-12	\$ 9.56
82-JCC-20	20	1-5/8"-12	\$ 28.00
82-JCC-24	24	1-7/8"-12	\$ 48.64
82-JCC-32	32	2-1/2"-12	\$ 105.88

NPT FEMALE CAP



PART NUMBER	DASH SIZE A	THREAD SIZE A	LIST PRICE
82-NPC-04	04	1/4"-18	\$ 8.84
82-NPC-12	12	3/4"-14	\$ 21.76
82-NPC-16	16	1"-11 1/2	\$ 32.12

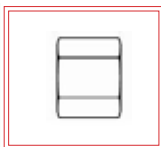
ORFS FEMALE CAP



PART NUMBER	DASH SIZE A	THREAD SIZE A	LIST PRICE
82-OFC-04	04	9/16"-18	\$ 14.44
82-OFC-06	06	11/16"-16	\$ 16.40
82-OFC-08	08	13/16"-16	\$ 18.44
82-OFC-10	10	1"-14	\$ 19.16
82-OFC-12	12	1-3/16"-12	\$ 21.00
82-OFC-16	16	1-7/16"-12	\$ 23.36
82-OFC-20	20	1-11/16"-12	\$ 82.28
82-OFC-24	24	2"-12	\$ 104.16

TUBE NUT & SLEEVE

JIC TUBE NUT



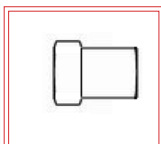
PART NUMBER	DASH SIZE A	THREAD SIZE A	LIST PRICE
82-JCTN-04	04	7/16"-20	\$ 3.56
82-JCTN-05	05	1/2"-20	\$ 3.84
82-JCTN-06	06	9/16"-18	\$ 3.00
82-JCTN-08	08	3/4"-16	\$ 3.84
82-JCTN-10	10	7/8"-14	\$ 4.08
82-JCTN-12	12	1-1/16"-12	\$ 5.36
82-JCTN-16	16	1-5/16"-12	\$ 7.60
82-JCTN-20	20	1-5/8"-12	\$ 17.92
82-JCTN-24	24	1-7/8"-12	\$ 30.72

JIC FLARELESS TUBE NUT



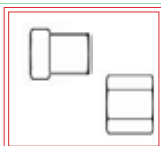
PART NUMBER	DASH SIZE A	TUBE SIZE A	LIST PRICE
82-JCFN-04	04	7/16"-20	\$ 17.92
82-JCFN-06	06	9/16"-18	\$ 22.48
82-JCFN-08	08	3/4"-16	\$ 27.88
82-JCFN-10	10	7/8"-14	\$ 30.88
82-JCFN-12	12	1-1/16"-12	\$ 38.68
82-JCFN-16	16	1-5/16"-12	\$ 67.60

JIC TUBE SLEEVE



PART NUMBER	DASH SIZE A	TUBE SIZE A	LIST PRICE
82-JCTS-04	04	1/4"	\$ 1.80
82-JCTS-05	05	5/16"	\$ 1.88
82-JCTS-06	06	3/8"	\$ 1.44
82-JCTS-08	08	1/2"	\$ 1.88
82-JCTS-10	10	5/8"	\$ 2.04
82-JCTS-12	12	3/4"	\$ 2.64
82-JCTS-16	16	1"	\$ 3.76
82-JCTS-20	20	1-1/4"	\$ 8.88
82-JCTS-24	24	1-1/2"	\$ 27.32

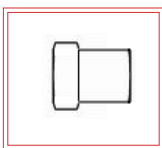
JIC TUBE NUT & SLEEVE



PART NUMBER	DASH SIZE A	TUBE SIZE A	LIST PRICE
82-JCTNS-0404	04	7/16"-20	\$ 5.36
82-JCTNS-0505	05	1/2"-20	\$ 5.72
82-JCTNS-0606	06	9/16"-18	\$ 4.44
82-JCTNS-0808	08	3/4"-16	\$ 5.72
82-JCTNS-1010	10	7/8"-14	\$ 6.16
82-JCTNS-1212	12	1-1/16"-12	\$ 8.04
82-JCTNS-1616	16	1-5/16"-12	\$ 11.32

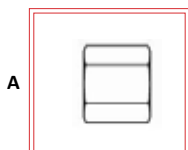
HYDRAULIC ADAPTORS

JIC FLARELESS TUBE SLEEVE



PART NUMBER	DASH SIZE A	TUBE SIZE A	LIST PRICE
82-JCFS-04	04	1/4"	\$ 9.08
82-JCFS-06	06	3/8"	\$ 11.24
82-JCFS-08	08	1/2"	\$ 14.04
82-JCFS-10	10	5/8"	\$ 15.56
82-JCFS-12	12	3/4"	\$ 19.44
82-JCFS-16	16	1"	\$ 49.60

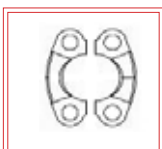
ORFS TUBE NUT



PART NUMBER	DASH SIZE A	THREAD SIZE A	LIST PRICE
82-OFTN-04	04	9/16"-18	\$ 3.92
82-OFTN-06	06	11/16"-16	\$ 4.08
82-OFTN-08	08	13/16"-16	\$ 5.44
82-OFTN-10	10	1"-14	\$ 8.36
82-OFTN-12	12	1-3/16"-12	\$ 11.12
82-OFTN-16	16	1-7/16"-12	\$ 19.16
82-OFTN-20	20	1-11/16"-12	\$ 55.80

SPLIT FLANGE CLAMPS

CODE 62 SPLIT FLANGE CLAMP



PART NUMBER	DASH SIZE	FLANGE SIZE	LIST PRICE
82-FHSC-08	08	1/2"	\$ 23.56
82-FHSC-12	12	3/4"	\$ 25.40
82-FHSC-16	16	1"	\$ 35.32
82-FHSC-20	20	1-1/4"	\$ 53.20
82-FHSC-24	24	1-1/2"	\$ 96.36
82-FHSC-32	32	2"	\$ 142.12

CODE 61 SPLIT FLANGE CLAMP



PART NUMBER	DASH SIZE	FLANGE SIZE	LIST PRICE
82-FLSC-08	08	1/2"	\$ 23.12
82-FLSC-12	12	3/4"	\$ 25.28
82-FLSC-16	16	1"	\$ 26.60
82-FLSC-20	20	1-1/4"	\$ 29.88
82-FLSC-24	24	1-1/2"	\$ 38.16
82-FLSC-32	32	2"	\$ 53.20
82-FLSC-40	40	2-1/2"	\$ 79.36
82-FLSC-48	48	3"	\$ 117.80
82-FLSC-56	56	3-1/2"	\$ 185.32
82-FLSC-64	64	4"	\$ 218.00
82-FLSC-80	80	5"	\$ 950.40

O-RINGS / DOWTY WASHERS

BSPP CAPTIVE SEAL



PART NUMBER	DASH SIZE	THREAD SIZE	LIST PRICE
82-CSB-02	02	1/8"-28	\$ 3.72
82-CSB-04	04	1/4"-19	\$ 3.72
82-CSB-06	06	3/8"-19	\$ 3.72
82-CSB-08	08	1/2"-14	\$ 3.92
82-CSB-12	12	3/4"-14	\$ 4.16
82-CSB-16	16	1"-11	\$ 4.80
82-CSB-20	20	1-1/4"-11	\$ 5.44

BSPP DOWTY WASHER



PART NUMBER	DASH SIZE	THREAD SIZE	LIST PRICE
82-DSB-02	02	1/8"-28	\$ 1.36
82-DSB-04	04	1/4"-19	\$ 1.52
82-DSB-06	06	3/8"-19	\$ 2.08
82-DSB-08	08	1/2"-14	\$ 2.44
82-DSB-12	12	3/4"-14	\$ 3.28
82-DSB-16	16	1"-11	\$ 4.00
82-DSB-20	20	1-1/4"-11	\$ 10.52
82-DSB-24	24	1-1/2"-11	\$ 16.36
82-DSB-32	32	2"-11	\$ 24.36

METRIC DOWTY WASHER



PART NUMBER	DASH SIZE	THREAD SIZE	LIST PRICE
82-DSM-10	10	10x1.0	\$ 1.60
82-DSM-12	12	12x1.5	\$ 1.60
82-DSM-14	14	14x1.5	\$ 1.68
82-DSM-16	16	16x1.5	\$ 1.76
82-DSM-18	18	18x1.5	\$ 2.76
82-DSM-20	20	20x1.5	\$ 2.12
82-DSM-22	22	22x1.5	\$ 2.36
82-DSM-24	24	24x1.5	\$ 3.00
82-DSM-27	27	27x2.0	\$ 3.72
82-DSM-30	30	30x2.0	\$ 4.24
82-DSM-33	33	33x2.0	\$ 8.68
82-DSM-36	36	36x2.0	\$ 10.16
82-DSM-42	42	42x2.0	\$ 16.04
82-DSM-48	48	48x2.0	\$ 19.96

CODE 61 & 62 O-RING



PART NUMBER	DASH SIZE	THREAD SIZE	LIST PRICE
82-O6162-08	08	1/2"	\$ 2.76
82-O6162-12	12	3/4"	\$ 4.04
82-O6162-16	16	1"	\$ 4.00
82-O6162-20	20	1-1/4"	\$ 4.44
82-O6162-24	24	1-1/2"	\$ 7.96
82-O6162-32	32	2"	\$ 12.08
82-O6162-40	40	2-1/2"	\$ 11.68
82-O6162-48	48	3"	\$ 17.08
82-O6162-48V	48	3"	\$ 33.04
82-O6162-64	64	4"	\$ 15.80

HYDRAULIC ADAPTORS

BSPP O-RING



PART NUMBER	DASH SIZE	THREAD SIZE	LIST PRICE
82-OBSPP-02	02	1/8"-28	\$ 1.16
82-OBSPP-04	04	1/4"-19	\$ 1.36
82-OBSPP-08	08	1/2"-14	\$ 1.72
82-OBSPP-12	12	3/4"-14	\$ 2.24
82-OBSPP-16	16	1"-11	\$ 2.56
82-OBSPP-20	20	1-1/4"-11	\$ 3.56
82-OBSPP-24	24	1-1/2"-11	\$ 10.24
82-OBSPP-32	32	2"-11	\$ 17.92

ORFS O-RING



PART NUMBER	DASH SIZE	THREAD SIZE	LIST PRICE
82-OORFS-04	04	9/16"-18	\$ 0.68
82-OORFS-06	06	11/16"-16	\$ 0.88
82-OORFS-08	08	13/16"-16	\$ 1.00
82-OORFS-10	10	1"-14	\$ 1.16
82-OORFS-12	12	1-3/16"-12	\$ 1.32
82-OORFS-16	16	1-7/16"-12	\$ 1.60
82-OORFS-20	20	1-11/16"-12	\$ 2.36
82-OORFS-24	24	2"-12	\$ 2.72

UNO O-RING



PART NUMBER	DASH SIZE	THREAD SIZE	LIST PRICE
82-OUNO-04	04	7/16"-20	\$ 0.68
82-OUNO-05	05	1/2"-20	\$ 0.88
82-OUNO-06	06	9/16"-18	\$ 0.88
82-OUNO-08	08	3/4"-16	\$ 1.36
82-OUNO-10	10	7/8"-14	\$ 1.36
82-OUNO-12	12	1-1/16"-12	\$ 1.36
82-OUNO-16	16	1-5/16"-12	\$ 2.12
82-OUNO-20	20	1-5/8"-12	\$ 2.64
82-OUNO-24	24	1-7/8"-12	\$ 2.84
82-OUNO-32	32	2-1/2"-12	\$ 3.56



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