



DME&JDE GROUP
YOUR CONNECTORS & HOSES OEM SOLUTIONS



DME&JDE HYDRAULIC QUICK COUPLINGS

PRODUCT INTRODUCTION (HYDRAULIC QUICK COUPLINGS)

DME&JDE ISO 7241 A SERIES HYDRAULIC QUICK COUPLINGS (STEEL)

Features

- Connexion by pulling back the sleeve
- Disconnexion by pulling back the female sleeve
- Shut off by poppet valve
- Connexion under pressure not allowed
- Disconnexion under pressure not allowed
- Interchangeability according to ISO 7241-1 part A

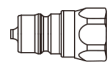
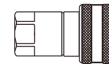
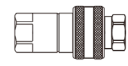
Technical Specifications

- High grade carbon steel with heat treated wear parts
- Polyurethane and NBR Backup ring in PTFE
- -25°C to + 100°C (-13°F to + 212°F)
- According to ISO 7241-2

Fields of Application



Specifications

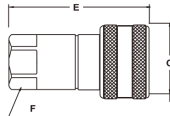
Size		Working Pressure	Flow Rate	Burst Pressures		
			@ 0,2 MPa pressure drop			
mm	inch	MPa (PSI)	l/min (GPM)	MPa (PSI)	MPa (PSI)	MPa (PSI)
6.3	1/4"	35 (5000)	9 (2.4)	160 (24000)	120 (18000)	140 (21000)
10	3/8"	30 (4500)	30 (7.9)	160 (24000)	120 (18000)	140 (21000)
12.5	1/2"	30 (4500)	75 (19.8)	130 (19500)	120 (18000)	130 (19500)
20	3/4"	30 (4500)	180 (47.6)	120 (18000)	120 (18000)	120 (18000)
25	1"	25 (3625)	270 (71.4)	100 (14500)	100 (14500)	100 (14500)
31.5	1-1/4"	25 (3625)	330 (87.3)	100 (14500)	100 (14500)	100 (14500)
40	1-1/2"	20 (3000)	450 (119)	80 (12000)	80 (12000)	80 (12000)
50	2"	15 (2250)	900 (238)	60 (9000)	60 (9000)	60 (9000)



PRODUCT INTRODUCTION (HYDRAULIC QUICK COUPLINGS)

DME&JDE ISO 7241 A SERIES HYDRAULIC QUICK COUPLINGS (STEEL)

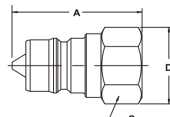
Female



Specifications

Part No.	Thread	E (mm)	F (mm)	G (mm)	Part No.	Thread	E (in)	F (in)	G (in)	Weight	Package
KZE-02SF	G 1/4	47.0	22.0	27.0	KZE-N02SF	NPT 1/4	1.85	0.88	1.08		
KZE-03SF	G 3/8	55.0	27.0	32.0	KZE-N03SF	NPT 3/8	2.18	1.06	1.27		
KZE-04SF	G 1/2	70.0	32.0	39.0	KZE-N04SF	NPT 1/2	2.75	1.25	1.52		
KZE-22SF	M 22x1.5	70.0	32.0	39.0	KZE-N34SF	UNF 3/4	2.75	1.25	1.52		
KZE-06SF	G 3/4	85.0	41.0	48.0	KZE-N06SF	NPT 3/4	3.36	1.62	1.90		
KZE-08SF	G 1	104.0	48.0	54.0	KZE-N08SF	NPT 1	4.11	1.88	2.14		
KZE-10SF	G 1-1/4	110.0	54.0	69.0	KZE-N10SF	NPT 1-1/4	4.33	2.12	2.71		
KZE-12SF	G 1-1/2	128.0	60.0	82.0	KZE-N12SF	NPT 1-1/2	5.03	2.36	3.22		
KZE-16SF	G 2	153.0	77.0	100.0	KZE-N16SF	NPT 2	6.02	3.03	3.93		

Male



Specifications

Part No.	Thread	E (mm)	F (mm)	G (mm)	Part No.	Thread	E (in)	F (in)	G (in)	Weight	Package
KZE-02PF	G 1/4	32.0	19.0	22.0	KZE-N02PF	NPT 1/4	1.27	0.75	0.87		
KZE-03PF	G 3/8	37.0	22.0	26.0	KZE-N03PF	NPT 3/8	1.47	0.88	1.01		
KZE-04PF	G 1/2	46.0	27.0	31.0	KZE-N04PF	NPT 1/2	1.82	1.06	1.23		
KZE-22PF	M 22x1.5	46.0	27.0	31.0	KZE-N34PF	UNF 3/4	1.82	1.06	1.23		
KZE-06PF	G 3/4	58.0	35.0	40.0	KZE-N06PF	NPT 3/4	2.29	1.38	1.59		
KZE-08PF	G 1	66.0	41.0	48.0	KZE-N08PF	NPT 1	2.58	1.62	1.88		
KZE-10PF	G 1-1/4	75.0	54.0	59.0	KZE-N10PF	NPT 1-1/4	2.95	2.12	2.32		
KZE-12PF	G 1-1/2	86.0	60.0	68.0	KZE-N12PF	NPT 1-1/2	3.38	2.36	2.67		
KZE-16PF	G 2	100.0	77.0	84.0	KZE-N16PF	NPT 2	3.93	3.03	3.30		

Accessories

Size		Dust protections 		Dust protections 	
		PVC	Aluminum	PVC	Aluminum
mm	inch	Part No.	Colour	Part No.	Part No.
6.3	1/4"	CZE - 1/4	● Red		PZE - 1/4
10	3/8"	CZE - 3/8	● Red		PZE - 3/8
12.5	1/2"	CZE - 1/2	● Red		PZE - 1/2
20	3/4"	CZE - 3/4	● Red		PZE - 3/4
25	1"	CZE - 1	● Red		PZE - 1

PRODUCT INTRODUCTION (HYDRAULIC QUICK COUPLINGS)

DME&JDE ISO 7241 A SERIES HYDRAULIC QUICK COUPLINGS (STEEL)

Features

- Connexion by pulling back the sleeve
- Disconnexion by pulling back the female sleeve
- Steel Ball
- Connexion under pressure not allowed
- Disconnexion under pressure not allowed
- Interchangeability according to ISO 7241-1 part A

Technical Specifications

- High grade carbon steel with heat treated wear parts
- Polyurethane and NBR Backup ring in PTFE
- -25°C to + 100°C (-13°F to + 212°F)
- According to ISO 7241-2

Fields of Application



Specifications

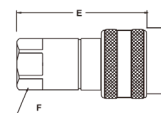
Size		Working Pressure		Flow Rate	Burst Pressures		
				@ 0,2 MPa pressure drop			
mm	inch	MPa (PSI)		l/min (GPM)	MPa (PSI)	MPa (PSI)	MPa (PSI)
6.3	1/4"	35 (5000)		9 (2.4)	160 (24000)	120 (18000)	140 (21000)
10	3/8"	30 (4500)		30 (7.9)	160 (24000)	120 (18000)	140 (21000)
12.5	1/2"	30 (4500)		75 (19.8)	130 (19500)	120 (18000)	130 (19500)
20	3/4"	30 (4500)		180 (47.6)	120 (18000)	120 (18000)	120 (18000)
25	1"	25 (3625)		270 (71.4)	100 (14500)	100 (14500)	100 (14500)
31.5	1-1/4"	25 (3625)		330 (87.3)	100 (14500)	100 (14500)	100 (14500)
40	1-1/2"	20 (3000)		450 (119)	80 (12000)	80 (12000)	80 (12000)
50	2"	15 (2250)		900 (238)	60 (9000)	60 (9000)	60 (9000)



PRODUCT INTRODUCTION (HYDRAULIC QUICK COUPLINGS)

DME&JDE ISO 7241 A SERIES HYDRAULIC QUICK COUPLINGS (STEEL)

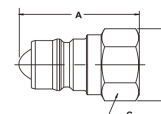
Female



Specifications

Part No.	Thread	E (mm)	F (mm)	G (mm)	Part No.	Thread	E (in)	F (in)	G (in)	Weight	Package
KZEB-02SF	G 1/4	47.0	22.0	27.0	KZEB-N02SF	NPT 1/4	1.85	0.88	1.08		
KZEB-03SF	G 3/8	55.0	27.0	32.0	KZEB-N03SF	NPT 3/8	2.18	1.06	1.27		
KZEB-04SF	G 1/2	70.0	32.0	39.0	KZEB-N04SF	NPT 1/2	2.75	1.25	1.52		
KZEB-22SF	M 22x1.5	70.0	32.0	39.0	KZEB-N34SF	UNF 3/4	2.75	1.25	1.52		
KZEB-06SF	G 3/4	85.0	41.0	48.0	KZEB-N06SF	NPT 3/4	3.36	1.62	1.90		
KZEB-08SF	G 1	104.0	48.0	54.0	KZEB-N08SF	NPT 1	4.11	1.88	2.14		
KZEB-10SF	G 1-1/4	110.0	54.0	69.0	KZEB-N10SF	NPT 1-1/4	4.33	2.12	2.71		
KZEB-12SF	G 1-1/2	128.0	60.0	82.0	KZEB-N12SF	NPT 1-1/2	5.03	2.36	3.22		
KZEB-16SF	G 2	153.0	77.0	100.0	KZEB-N16SF	NPT 2	6.02	3.03	3.93		

Male



Specifications

Part No.	Thread	E (mm)	F (mm)	G (mm)	Part No.	Thread	E (in)	F (in)	G (in)	Weight	Package
KZEB-02PF	G 1/4	32.0	19.0	22.0	KZEB-N02PF	NPT 1/4	1.27	0.75	0.87		
KZEB-03PF	G 3/8	37.0	22.0	26.0	KZEB-N03PF	NPT 3/8	1.47	0.88	1.01		
KZEB-04PF	G 1/2	46.0	27.0	31.0	KZEB-N04PF	NPT 1/2	1.82	1.06	1.23		
KZEB-22PF	M 22x1.5	46.0	27.0	31.0	KZEB-N34PF	UNF 3/4	1.82	1.06	1.23		
KZEB-06PF	G 3/4	58.0	35.0	40.0	KZEB-N06PF	NPT 3/4	2.29	1.38	1.59		
KZEB-08PF	G 1	66.0	41.0	48.0	KZEB-N08PF	NPT 1	2.58	1.62	1.88		
KZEB-10PF	G 1-1/4	75.0	54.0	59.0	KZEB-N10PF	NPT 1-1/4	2.95	2.12	2.32		
KZEB-12PF	G 1-1/2	86.0	60.0	68.0	KZEB-N12PF	NPT 1-1/2	3.38	2.36	2.67		
KZEB-16PF	G 2	100.0	77.0	84.0	KZEB-N16PF	NPT 2	3.93	3.03	3.30		

Accessories

Size		Dust protections		Dust protections	
		PVC		Aluminum	
mm	inch	Part No.	Colour	Part No.	Part No.
6.3	1/4"	CZE - 1/4	Yellow		PZE - 1/4
10	3/8"	CZE - 3/8	Yellow		PZE - 3/8
12.5	1/2"	CZE - 1/2	Yellow		PZE - 1/2
20	3/4"	CZE - 3/4	Yellow		PZE - 3/4
25	1"	CZE - 1	Yellow		PZE - 1

PRODUCT INTRODUCTION (HYDRAULIC QUICK COUPLINGS)

DME&JDE ISO 7241 A SERIES HYDRAULIC QUICK COUPLINGS (STEEL)

Features

- Connexion by pulling back the sleeve
- Disconnexion by pulling back the female sleeve
- Shut off by poppet valve
- Connexion under pressure not allowed
- Disconnexion under pressure not allowed
- Interchangeability according to ISO 7241-1 part A

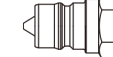
Technical Specifications

- Stainless Steel 316
- Viton Backup ring in PTFE
- -20°C to + 200°C (-4°F to + 392°F)
- According to ISO 7241-2

Fields of Application



Specifications

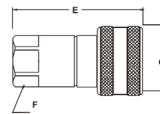
Size		Working Pressure		Flow Rate	Burst Pressures		
				@ 0,2 MPa pressure drop			
mm	inch	MPa (PSI)		l/min (GPM)	MPa (PSI)	MPa (PSI)	MPa (PSI)
6.3	1/4"	35 (5075)		14 (3.08)	140 (20300)	200 (29000)	200 (29000)
10	3/8"	27 (3900)		27 (4.9)	110 (15950)	110 (15950)	160 (23200)
12.5	1/2"	32 (4625)		60 (15.9)	150 (21750)	130 (18850)	130 (18850)
20	3/4"	25 (3750)		110 (29.1)	100 (14500)	105 (15225)	165 (24000)
25	1"	21 (3025)		150 (39.7)	84 (12175)	90 (13050)	106 (15350)
40	1-1/2"	14 (2025)		750 (198.4)	56 (8100)	56 (8100)	60 (8700)
50	2"	9 (1300)		1600 (423.3)	38 (5500)	40 (5800)	45 (6525)



PRODUCT INTRODUCTION (HYDRAULIC QUICK COUPLINGS)

DME&JDE ISO 7241 A SERIES HYDRAULIC QUICK COUPLINGS (STEEL)

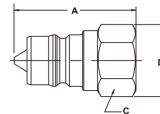
Female



Specifications

Part No.	Thread	E (mm)	F (mm)	G (mm)	Part No.	Thread	E (in)	F (in)	G (in)	Weight	Package
KZESS-02SF	G 1/4	47.0	22.0	27.0	KZESS-N02SF	NPT 1/4	1.85	0.88	1.08		
KZESS-03SF	G 3/8	55.0	27.0	32.0	KZESS-N03SF	NPT 3/8	2.18	1.06	1.27		
KZESS-04SF	G 1/2	70.0	32.0	39.0	KZESS-N04SF	NPT 1/2	2.75	1.25	1.52		
KZESS-22SF	M 22x1.5	70.0	32.0	39.0	KZESS-N34SF	UNF 3/4	2.75	1.25	1.52		
KZESS-06SF	G 3/4	85.0	41.0	48.0	KZESS-N06SF	NPT 3/4	3.36	1.62	1.90		
KZESS-08SF	G 1	104.0	48.0	54.0	KZESS-N08SF	NPT 1	4.11	1.88	2.14		
KZESS-10SF	G 1-1/4	110.0	54.0	69.0	KZESS-N10SF	NPT 1-1/4	4.33	2.12	2.71		
KZESS-12SF	G 1-1/2	128.0	60.0	82.0	KZESS-N12SF	NPT 1-1/2	5.03	2.36	3.22		
KZESS-16SF	G 2	153.0	77.0	100.0	KZESS-N16SF	NPT 2	6.02	3.03	3.93		

Male



Specifications

Part No.	Thread	E (mm)	F (mm)	G (mm)	Part No.	Thread	E (in)	F (in)	G (in)	Weight	Package
KZESS-02PF	G 1/4	32.0	19.0	22.0	KZESS-N02PF	NPT 1/4	1.27	0.75	0.87		
KZESS-03PF	G 3/8	37.0	22.0	26.0	KZESS-N03PF	NPT 3/8	1.47	0.88	1.01		
KZESS-04PF	G 1/2	46.0	27.0	31.0	KZESS-N04PF	NPT 1/2	1.82	1.06	1.23		
KZESS-22PF	M 22x1.5	46.0	27.0	31.0	KZESS-N34PF	UNF 3/4	1.82	1.06	1.23		
KZESS-06PF	G 3/4	58.0	35.0	40.0	KZESS-N06PF	NPT 3/4	2.29	1.38	1.59		
KZESS-08PF	G 1	66.0	41.0	48.0	KZESS-N08PF	NPT 1	2.58	1.62	1.88		
KZESS-10PF	G 1-1/4	75.0	54.0	59.0	KZESS-N10PF	NPT 1-1/4	2.95	2.12	2.32		
KZESS-12PF	G 1-1/2	86.0	60.0	68.0	KZESS-N12PF	NPT 1-1/2	3.38	2.36	2.67		
KZESS-16PF	G 2	100.0	77.0	84.0	KZESS-N16PF	NPT 2	3.93	3.03	3.30		

Accessories

Size		Dust protections		Dust protections	
		PVC	Aluminum	PVC	Aluminum
mm	inch	Part No.	Colour	Part No.	Part No.
6.3	1/4"	CZE - 1/4	● Green		PZE - 1/4
10	3/8"	CZE - 3/8	● Green		PZE - 3/8
12.5	1/2"	CZE - 1/2	● Green		PZE - 1/2
20	3/4"	CZE - 3/4	● Green		PZE - 3/4
25	1"	CZE - 1	● Green		PZE - 1

PRODUCT INTRODUCTION (HYDRAULIC QUICK COUPLINGS)

DME&JDE ISO 7241 A SERIES HYDRAULIC QUICK COUPLINGS (STEEL)

Features

- Connexion by pulling back the sleeve
- Disconnexion by pulling back the female sleeve
- Shut off by poppet valve
- Connexion under pressure not allowed
- Disconnexion under pressure not allowed
- Interchangeability according to ISO 7241-1 part A

Technical Specifications

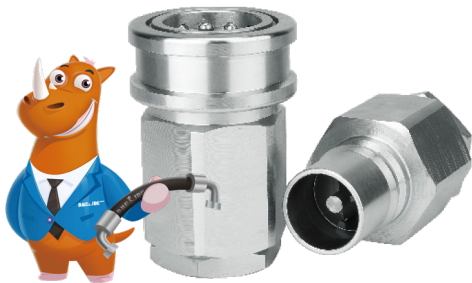
- High grade carbon steel with heat treated wear parts
- NBR Backup ring in PTFE
- -25°C to + 125°C (-13°F to + 257°F)
- According to ISO 7241-2

Fields of Application



Specifications

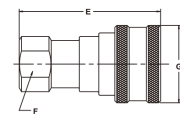
Size		Working Pressure		Flow Rate	Burst Pressures		
				@ 0,2 MPa pressure drop			
mm	inch	MPa (PSI)		l/min (GPM)	MPa (PSI)	MPa (PSI)	MPa (PSI)
3	1/8"	50 (7500)		5 (1.3)	200 (30000)	280 (30000)	200 (30000)
6.3	1/4"	45 (6750)		17 (4.5)	180 (27000)	180 (27000)	200 (29000)
10	3/8"	30 (4500)		50 (13.2)	180 (27000)	130 (19500)	120 (18000)
12.5	1/2"	35 (5250)		75 (19.8)	150 (22500)	140 (21000)	140 (21000)
20	3/4"	25 (3625)		190 (50.2)	100 (14500)	110 (16500)	100 (14500)
25	1"	30 (4500)		270 (71.4)	120 (18000)	120 (18000)	120 (18000)
40	1-1/2"	14 (2100)		750 (198.4)	60 (9000)	56 (8400)	56 (8400)
50	2"	9 (1350)		1600 (423.3)	45 (6750)	38 (5700)	40 (6000)



PRODUCT INTRODUCTION (HYDRAULIC QUICK COUPLINGS)

DME&JDE ISO 7241 A SERIES HYDRAULIC QUICK COUPLINGS (STEEL)

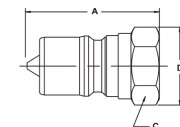
Female



Specifications

Part No.	Thread	E (mm)	F (mm)	G (mm)	Part No.	Thread	E (in)	F (in)	G (in)	Weight	Package
KZB-01SF	G 1/8	48.0	17.0	24.0	KZB-N01SF	NPT 1/8	1.90	0.68	0.96		
KZB-02SF	G 1/4	57.0	21.0	29.0	KZB-N02SF	NPT 1/4	2.26	0.81	1.14		
KZB-03SF	G 3/8	63.0	22.0	36.0	KZB-N03SF	NPT 3/8	2.49	0.88	1.40		
KZB-04SF	G 1/2	73.0	28.0	45.0	KZB-N04SF	NPT 1/2	2.87	1.12	1.77		
KZB-06SF	G 3/4	90.0	33.0	54.0	KZB-N06SF	NPT 3/4	3.56	1.31	2.14		
KZB-08SF	G 1	106.0	41.0	64.0	KZB-N08SF	NPT 1	4.18	1.62	2.52		

Male



Specifications

Part No.	Thread	E (mm)	F (mm)	G (mm)	Part No.	Thread	E (in)	F (in)	G (in)	Weight	Package
KZB-01PF	G 1/8	41.0	14.0	17.0	KZB-N01PF	NPT 1/8	1.61	0.56	0.65		
KZB-02PF	G 1/4	35.0	19.0	22.0	KZB-N02PF	NPT 1/4	1.39	0.75	0.87		
KZB-03PF	G 3/8	38.0	22.0	26.0	KZB-N03PF	NPT 3/8	1.50	0.88	1.01		
KZB-04PF	G 1/2	44.0	28.0	33.0	KZB-N04PF	NPT 1/2	1.78	1.12	1.30		
KZB-06PF	G 3/4	55.0	35.0	40.0	KZB-N06PF	NPT 3/4	2.16	1.38	1.59		
KZB-08PF	G 1	74.0	41.0	48.0	KZB-N08PF	NPT 1	2.91	1.62	1.88		

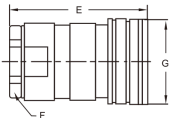
Accessories

Size		Dust protections		Dust protections	
		PVC	Aluminum	PVC	Aluminum
mm	inch	Part No.	Colour	Part No.	Part No.
6.3	1/4"	CZE - 1/4	● Green		PZE - 1/4
10	3/8"	CZE - 3/8	● Green		PZE - 3/8
12.5	1/2"	CZE - 1/2	● Green		PZE - 1/2
20	3/4"	CZE - 3/4	● Green		PZE - 3/4
25	1"	CZE - 1	● Green		PZE - 1

PRODUCT INTRODUCTION (HYDRAULIC QUICK COUPLINGS)

DME&JDE ISO 7241 A SERIES HYDRAULIC QUICK COUPLINGS (STEEL)

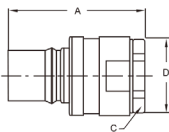
Female



► Specifications

Part No.	Thread	E (mm)	F (mm)	G (mm)	Part No.	Thread	E (in)	F (in)	G (in)	Weight	Package
KZB12-10SF	G 1-1/4	123.5	60	76.5	KZB12-N10SF	NPT 1-1/4	4.85	2.36	3.00		
KZB12-12SF	G 1-1/2	127.5	60	76.5	KZB12-N12SF	NPT 1-1/2	5.01	2.36	3.00		
KZB16-16SF	G 2	145	95	101	KZB16-N16SF	NPT 2	5.7	3.74	3.98		
KZB16-20SF	G 2-1/2	153.5	95	104.5	KZB16-N20SF	NPT 2-1/2	6.04	3.75	4.10		
KZB16-24SF	G 3	176.5	101.5	110.5	KZB16-N24SF	NPT 3	6.96	4.00	4.35		

Male



► Specifications

Part No.	Thread	E (mm)	F (mm)	G (mm)	Part No.	Thread	E (in)	F (in)	G (in)	Weight	Package
KZB12-10PF	G 1-1/4	121	60.0	74.5	KZB12-N10SF	NPT 1-1/4	4.75	2.35	2.95		
KZB12-12PF	G 1-1/2	124.5	60.0	74.5	KZBS12-N12SF	NPT 1-1/2	4.90	2.35	2.95		
KZB16-16PF	G 2	142.5	95.0	104.5	KZBS16-N16SF	NPT 2	5.65	3.75	4.10		
KZB16-20PF	G 2-1/2	151.5	95.0	104.5	KZB16-N20SF	NPT 2-1/2	5.95	3.75	4.10		
KZB16-24PF	G 3	175.0	101.5	111.5	KZB16-N24SF	NPT 3	6.87	4.00	4.39		

Accessories

Size		Dust protections  		Dust protections  	
		PVC	Aluminum	PVC	Aluminum
mm	inch	Part No.	Colour	Part No.	Part No.
40	1-1/2"	CZB - 1-1/2	● Green	PZB - 1-1/2	● Green
50	2"	CZB - 2	● Green	PZB - 2	● Green

PRODUCT INTRODUCTION (HYDRAULIC QUICK COUPLINGS)

DME&JDE ISO 7241 A SERIES HYDRAULIC QUICK COUPLINGS (STEEL)

Features

- Connexion by pulling back the sleeve
- Disconnexion by pulling back the female sleeve
- Shut off by poppet valve
- Connexion under pressure not allowed
- Disconnexion under pressure not allowed
- Interchangeability according to ISO 7241-1 part A

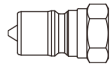
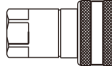
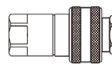
Technical Specifications

- BRASS
- NBR Backup ring in PTFE
- -25°C to + 125°C (-13°F to + 257°F)
- According to ISO 7241-2

Fields of Application



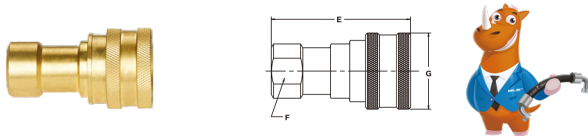
► Specifications

Size		Working Pressure	Flow Rate	Burst Pressures		
			@ 0,2 MPa pressure drop			
mm	inch	MPa (PSI)	l/min (GPM)	MPa (PSI)	MPa (PSI)	MPa (PSI)
3	1/8"	22 (3175)	6 (1.6)	90 (13050)	140 (20300)	150 (21750)
6.3	1/4"	20 (2900)	16 (4.2)	80 (11600)	120 (17400)	120 (17400)
10	3/8"	15 (2175)	25 (6.6)	60 (8700)	70 (10150)	100 (14500)
12.5	1/2"	17 (2450)	60 (15.9)	70 (10150)	90 (13050)	90 (13050)
20	3/4"	10 (1450)	110 (29.0)	40 (5800)	50 (7250)	102 (14775)
25	1"	14 (2025)	150 (39.6)	56 (8100)	58 (8400)	80 (11600)
40	1-1/2"	7 (1000)	750 (198.4)	30 (4350)	33 (4775)	40 (5800)
50	2"	6 (850)	1600 (423.0)	25 (3625)	27 (3900)	31 (4475)

PRODUCT INTRODUCTION (HYDRAULIC QUICK COUPLINGS)

DME&JDE ISO 7241 A SERIES HYDRAULIC QUICK COUPLINGS (STEEL)

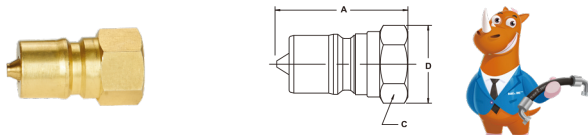
Female



► Specifications

Part No.	Thread	E (mm)	F (mm)	G (mm)	Part No.	Thread	E (in)	F (in)	G (in)	Weight	Package
KZD-01SF	G 1/8	48.0	17.0	24.0	KZD-N01SF	NPT 1/8	1.90	0.68	0.96		
KZD-02SF	G 1/4	57.0	21.0	29.0	KZD-N02SF	NPT 1/4	2.26	0.81	1.14		
KZD-03SF	G 3/8	63.0	22.0	36.0	KZD-N03SF	NPT 3/8	2.49	0.88	1.40		
KZD-04SF	G 1/2	73.0	28.0	45.0	KZD-N04SF	NPT 1/2	2.87	1.12	1.77		
KZD-06SF	G 3/4	90.0	33.0	54.0	KZD-N06SF	NPT 3/4	3.56	1.31	2.14		
KZD-08SF	G 1	106.0	41.0	64.0	KZD-N08SF	NPT 1	4.18	1.62	2.52		

Male



► Specifications

Part No.	Thread	E (mm)	F (mm)	G (mm)	Part No.	Thread	E (in)	F (in)	G (in)	Weight	Package
KZD-01PF	G 1/8	41.0	14.0	17.0	KZD-N01PF	NPT 1/8	1.61	0.56	0.65		
KZD-02PF	G 1/4	35.0	19.0	22.0	KZD-N02PF	NPT 1/4	1.39	0.75	0.87		
KZD-03PF	G 3/8	38.0	22.0	26.0	KZD-N03PF	NPT 3/8	1.50	0.88	1.01		
KZD-04PF	G 1/2	44.0	28.0	33.0	KZD-N04PF	NPT 1/2	1.78	1.12	1.30		
KZD-06PF	G 3/4	55.0	35.0	40.0	KZD-N06PF	NPT 3/4	2.16	1.38	1.59		
KZD-08PF	G 1	74.0	41.0	48.0	KZD-N08PF	NPT 1	2.91	1.62	1.88		

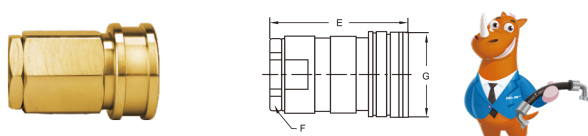
Accessories

Size		Dust protections  		Dust protections  			
		PVC		Aluminum	PVC		Aluminum
mm	inch	Part No.	Colour	Part No.	Part No.	Colour	Part No.
6.3	1/4"	CZB - 1/4	● Green		PZB - 1/4	● Green	
10	3/8"	CZB - 3/8	● Green		PZB - 3/8	● Green	
12.5	1/2"	CZB - 1/2	● Green		PZB - 1/2	● Green	
20	3/4"	CZB - 3/4	● Green		PZB - 3/4	● Green	
25	1"	CZB - 1	● Green		PZB - 1	● Green	

PRODUCT INTRODUCTION (HYDRAULIC QUICK COUPLINGS)

DME&JDE ISO 7241 A SERIES HYDRAULIC QUICK COUPLINGS (STEEL)

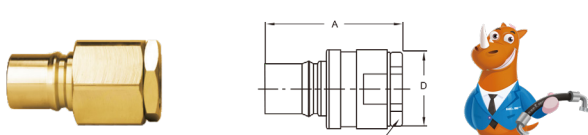
Female



► Specifications

Part No.	Thread	E (mm)	F (mm)	G (mm)	Part No.	Thread	E (in)	F (in)	G (in)	Weight	Package
KZD12-10SF	G 1-1/4	123.5	60	76.5	KZD12-N10SF	NPT 1-1/4	4.85	2.36	3.00		
KZD12-12SF	G 1-1/2	127.5	60	76.5	KZD12-N12SF	NPT 1-1/2	5.01	2.36	3.00		
KZD16-16SF	G 2	145	95	101	KZD16-N16SF	NPT 2	5.7	3.74	3.98		
KZD16-20SF	G 2-1/2	153.5	95	104.5	KZD16-N20SF	NPT 2-1/2	6.04	3.75	4.10		
KZD16-24SF	G 3	176.5	101.5	110.5	KZD16-N24SF	NPT 3	6.96	4.00	4.35		

Male



► Specifications

Part No.	Thread	E (mm)	F (mm)	G (mm)	Part No.	Thread	E (in)	F (in)	G (in)	Weight	Package
KZD12-10PF	G 1-1/4	121	60.0	74.5	KZD12-N10SF	NPT 1-1/4	4.75	2.35	2.95		
KZD12-12PF	G 1-1/2	124.5	60.0	74.5	KZD12-N12SF	NPT 1-1/2	4.90	2.35	2.95		
KZD16-16PF	G 2	142.5	95.0	104.5	KZD16-N16SF	NPT 2	5.65	3.75	4.10		
KZD16-20PF	G 2-1/2	151.5	95.0	104.5	KZD16-N20SF	NPT 2-1/2	5.95	3.75	4.10		
KZD16-24PF	G 3	175.0	101.5	111.5	KZD16-N24SF	NPT 3	6.87	4.00	4.39		

Accessories

Size		Dust protections			Dust protections		
							
		PVC		Aluminum	PVC		Aluminum
mm	inch	Part No.	Colour	Part No.	Part No.	Colour	Part No.
40	1-1/2"	CZD - 1-1/2	● Green		PZD - 1-1/2	● Green	
50	2"	CZD - 2	● Green		PZD - 2	● Green	

PRODUCT INTRODUCTION (HYDRAULIC QUICK COUPLINGS)

DME&JDE ISO 7241 A SERIES HYDRAULIC QUICK COUPLINGS (STEEL)

Features

- Connexion by pulling back the sleeve
- Disconnexion by pulling back the female sleeve
- Shut off by poppet valve
- Connexion under pressure not allowed
- Disconnexion under pressure not allowed
- Interchangeability according to ISO 7241-1 part A

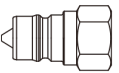
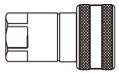
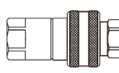
Technical Specifications

- Stainless Steel 316
- Viton Backup ring in PTFE
- -20°C to + 200°C (-4°F to + 392°F)
- According to ISO 7241-2

Fields of Application



Specifications

Size		Working Pressure		Flow Rate	Burst Pressures		
				@ 0,2 MPa pressure drop			
mm	inch	MPa (PSI)		l/min (GPM)	MPa (PSI)	MPa (PSI)	MPa (PSI)
6.3	1/4"	35 (5075)		14 (3.08)	140 (20300)	200 (29000)	200 (29000)
10	3/8"	27 (3900)		27 (4.9)	110 (15950)	110 (15950)	160 (23200)
12.5	1/2"	32 (4625)		60 (15.9)	150 (21750)	130 (18850)	130 (18850)
20	3/4"	25 (3750)		110 (29.1)	100 (14500)	105 (15225)	165 (24000)
25	1"	21 (3025)		150 (39.7)	84 (12175)	90 (13050)	106 (15350)
40	1-1/2"	14 (2025)		750 (198.4)	56 (8100)	56 (8100)	60 (8700)
50	2"	9 (1300)		1600 (423.3)	38 (5500)	40 (5800)	45 (6525)

PRODUCT INTRODUCTION (HYDRAULIC QUICK COUPLINGS)

DME&JDE FLAT FACE HYDRAULIC QUICK COUPLINGS (CARBON STEEL)/INTERNATIONAL INTERCHANGE ISO 16028

Features

- Connexion by screwing together the two parts
- Disconnexion by unscrewing the two parts
- Shut off by flat face valve
- Connectable with male part under residual pressure (35MPa-5075PSI) without using tools
- Disconnexion under pressure allowed
- No spillage during Connexion and Disconnexion
- Interchangeability Stucchi Market

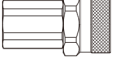
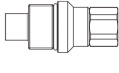
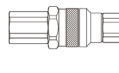
Technical Specifications

- High grade carbon steel tempered or carbonitrited for specific stressed area
- Polyurethane and NBR Backup ring in PTFE
- -25°C to + 100°C (-13°F to + 212°F)
- 100.000 cycles at 133% of rated pressure disconnected 1.000.000 cycles at 133% of rated pressure connected. Tested according to ISO 7241-2 specifications

Fields of Application

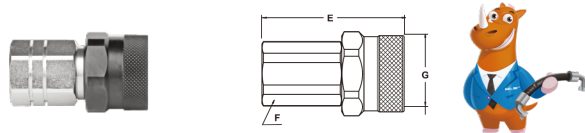


Specifications

Size		Working Pressure		Flow Rate	Burst Pressures		
				@ 0,2 MPa pressure drop			
mm	inch	MPa (PSI)		l/min (GPM)	MPa (PSI)	MPa (PSI)	MPa (PSI)
6.3	1/4"	60 (8700)		12 (3.18)	60 (8700)	60 (8700)	150 (21750)
10	3/8"	55 (7975)		23 (6.10)	55 (7975)	55 (7975)	140 (20300)
12.5	1/2"	55 (7975)		45 (11.93)	55 (7975)	55 (7975)	140 (20300)
20	3/4"	55 (7975)		74 (19.61)	55 (7975)	55 (7975)	140 (20300)
25	1"	50 (7250)		100 (26.50)	50 (7250)	50 (7250)	125 (18125)
25	1-1/4"	47 (6815)		189 (50.19)	47 (6815)	47 (6815)	120 (17400)
40	1-1/2"	40 (5800)		288 (76.32)	40 (5800)	40 (5800)	110 (15950)
50	2"	35 (5075)		379 (100.44)	35 (5075)	35 (5075)	110 (15950)

PRODUCT INTRODUCTION (HYDRAULIC QUICK COUPLINGS)
DME&JDE FLAT FACE HYDRAULIC QUICK COUPLINGS
(CARBON STEEL)/INTERNATIONAL INTERCHANGE ISO 16028

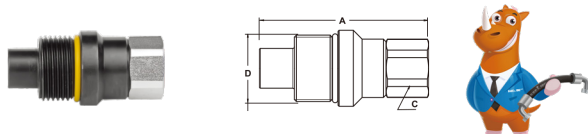
Female



► Specifications

Part No.	Thread	E (mm)	F (mm)	G (mm)	Part No.	Thread	E (in)	F (in)	G (in)	Weight	Package
QKEP03-03SF	G3/8	65.8	30	41.8	QKEP03-NO3SF	NPT3/8	2.59	1.18	1.65		
QKEP03-04SF	G1/2	70.8	30	41.8	QKEP03-NO4SF	NPT1/2	2.79	1.18	1.65		
QKEP04-04SF	G1/2	77.8	36	49.8	QKEP04-NO4SF	NPT1/2	3.06	1.42	1.96		
QKEP04-06SF	G3/4	84.8	36	49.8	QKEP04-NO6SF	NPT3/4	3.34	1.42	1.96		
QKEP06-06SF	G3/4	84.8	41	53.8	QKEP06-NO6SF	NPT3/4	3.34	1.61	2.12		
QKEP06-08SF	G1	97.7	46	58.8	QKEP06-NO8SF	NPT1	3.85	1.81	2.31		
QKEP08-08SF	G1	99.7	46	58.8	QKEP08-NO8SF	NPT1	3.93	1.81	2.31		
QKEP08-10SF	G1-1/4	105.8	55	69.8	QKEP08-N10SF	NPT1-1/4	4.17	2.17	2.75		
QKEP10-10SF	G1-1/4	106.8	55	69.8	QKEP10-N10SF	NPT1-1/4	4.2	2.17	2.75		
QKEP12-10SF	G1-1/4	133.5	65	92	QKEP12-N10SF	NPT1-1/4	5.26	2.56	3.62		
QKEP12-12SF	G1-1/2	133.5	65	92	QKEP12-N12SF	NPT1-1/2	5.26	2.56	3.62		
QKEP16-16SF	G2	224.8	90	200	QKEP16-N16SF	NPT2	8.85	3.54	7.87		

Male



► Specifications

Part No.	Thread	A (mm)	C (mm)	D (mm)	Part No.	Thread	A (in)	C (in)	D (in)	Weight	Package
QKEP03-03PF	G3/8	82.5	27	M33x2	QKEP03-N03PF	NPT3/8	3.25	1.06	M33x2		
QKEP03-04PF	G1/2	85	27	M33x2	QKEP03-N04PF	NPT1/2	3.35	1.06	M33x2		
QKEP04-04PF	G1/2	95	36	M40x3	QKEP04-N04PF	NPT1/2	3.74	1.42	M40x3		
QKEP04-06PF	G3/4	97.4	36	M40x3	QKEP04-N06PF	NPT3/4	3.83	1.42	M40x3		
QKEP06-06PF	G3/4	99	36	M45x3	QKEP06-N06PF	NPT3/4	3.90	1.42	M45x3		
QKEP06-08PF	G1	113.6	46	M50x3	QKEP06-N08PF	NPT1	4.47	1.81	M50x3		
QKEP08-08PF	G1	113.6	46	M50x3	QKEP08-N08PF	NPT1	4.47	1.81	M50x3		
QKEP08-10PF	G1-1/4	123.4	55	M58x3	QKEP08-N10PF	NPT1-1/4	4.86	2.17	M58x3		
QKEP10-10PF	G1-1/4	123.4	55	M58x3	QKEP10-N10PF	NPT1-1/4	4.86	2.17	M58x3		
QKEP12-10PF	G1-1/4	150	65	M80x4	QKEP12-N10PF	NPT1-1/4	5.91	2.56	M80x4		
QKEP12-12PF	G1-1/2	150	65	M80x4	QKEP12-N12PF	NPT1-1/2	5.91	2.56	M80x4		
QKEP16-16PF	G2	218.4	90	M130x6	QKEP16-N16PF	NPT2	8.60	3.54	M130x6		

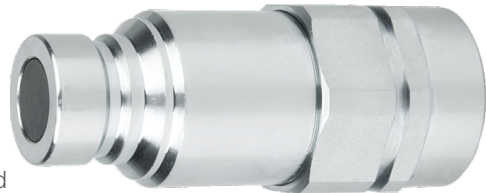
Accessories

Size		Dust protections		Dust protections	
		PVC	Aluminum	PVC	Aluminum
mm	inch	Part No.	Colour	Part No.	Part No.
10	3/8"	CEF-3/8	● Red		PEP-3/8
12.5	1/2"	CEF-1/2	● Red		PEP-1/2
20	3/4"	CEF-3/4	● Red		PEP-3/4
25	1"	CEF-1	● Red		PEP-1
32	1-1/4"	CEF-1 1/4	● Red		PEP-1 1/4
40	1-1/4"	CEF-1 1/2	● Red		PEP-1 1/2
50	2"	CEF-2	● Red		PEP-2

PRODUCT INTRODUCTION (HYDRAULIC QUICK COUPLINGS)
DME&JDE FLAT FACE HYDRAULIC QUICK COUPLINGS
(CARBON STEEL)/INTERNATIONAL INTERCHANGE ISO 16028

Features

- Connexion by pushing the male coupling
- Disconnexion by pulling back the female sleeve
- Shut off by flat face valve
- Connectable under residual pressure (35MPa-5075PSI) allowed
- Disconnexion under pressure not allowed
- Interchangeability according to ISO 16028
- No spillage during Connexion and Disconnexion



Technical Specifications

- High grade carbon steel tempered or carbonitrited for specific stressed area
- Polyurethane and NBR Backup ring in PTFE
- -25°C to + 100°C (-13°F to + 212°F)
- 100.000 cycles at 133% of rated pressure disconnected 1.000.000 cycles at 133% of rated pressure connected. Tested according to ISO 7241-2 specifications



Fields of Application



► Specifications

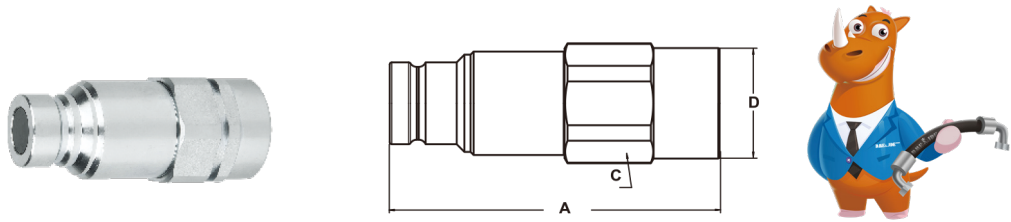
Size		Working Pressure	Flow Rate	Burst Pressures		
			@ 0,2 MPa pressure drop			
mm	inch	MPa (PSI)	l/min (GPM)	MPa (PSI)	MPa (PSI)	
10	3/8"	35 (5000)	35 (9.24)	140 (20000)	170 (24200)	
12.5	1/2"	35 (5000)	65 (17.17)	140 (20000)	170 (24200)	
20	3/4"	35 (5000)	115 (30.38)	140 (20000)	140 (20000)	
25	1"	35 (5000)	115 (30.38)	140 (20000)	140 (20000)	
32	1-1/4"	35 (5000)	115 (30.38)	140 (20000)	140 (20000)	
40	1-1/2"	35 (5000)	115 (30.38)	140 (20000)	140 (20000)	

PRODUCT INTRODUCTION (HYDRAULIC QUICK COUPLINGS)

DME&JDE FLAT FACE HYDRAULIC QUICK COUPLINGS

(CARBON STEEL)/INTERNATIONAL INTERCHANGE ISO 16028

Male



Specifications

Part No.	Thread	Size	E (mm)	F (mm)	G (mm)	Part No.	Thread	Size	E (in)	F (in)	G (in)	Weight	Package
QKFH 03-04PF	G1/2	3/8	80	27.0	29	QKFH 03-NO3PF	NPT3/8	3/8	3.15	1.06	1.14		
QKFH 04-04PF	G1/2	1/2	82.5	27.0	29	QKFH 03-NO4PF	NPT1/2	3/8	3.25	1.06	1.14		
QKFH 04-06PF	G3/4	1/2	91	36.0	38.5	QKFH 04-NO4PF	NPT1/2	1/2	3.58	1.41	1.52		
QKFH 06-06PF	G3/4	3/4	93.5	36.0	38.5	QKFH 04-NO6PF	NPT3/4	1/2	3.68	1.41	1.52		
QKFH 06-08PF	G1	3/4	95	36.0	38.5	QKFH 06-NO6PF	NPT3/4	3/4	3.7	1.41	1.52		
QKFH 08-08PF	G1	3/4	108.5	46.0	49.8	QKFH 06-NO8PF	NPT1	3/4	4.27	1.81	1.96		
QKFH10-10PF	G1 1/4	1	110	46.0	49.8	DKFH 08-NO8PF	NPT1	1	4.3	1.81	1.96		
QKFH 12-12PF	G1 1/2	1-1/4	123.5	55.0	59.8	QKFH 10-NO10PF	NPT1 1/4	1-1/4	4.86	2.17	2.35		
QKPT 08-10SF	G1 1/4	1-1/2	141.9	70.0	75.8	QKFH 12-N12PF	NPT1 1/2	1-1/2	5.78	2.76	2.98		

Accessories

Size		Dust protections	
			
		PVC	
mm	inch	Part No.	Colour
10	3/8"	CKFH-3/8	Orange
12.5	1/2"	CKFH-1/2	Orange
20	3/4"	CKFH-3/4	Orange
25	1"	CKFH-1	Orange

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(CARBON STEEL)/INTERNATIONAL INTERCHANGE ISO 16028

Features

- Connexion by pushing the male coupling
- Disconnexion by pulling back the female sleeve
- Shut off by flat face valve
- Connexion under pressure not allowed
- Disconnexion under pressure not allowed
- Interchangeability according to ISO 16028
- No spillage during Connexion and Disconnexion

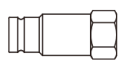
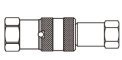
Technical Specifications

- High grade carbon steel tempered or carbonitrited for specific stressed area
- Polyurethane and NBR Backup ring in PTFE
- -25°C to + 100°C (-13°F to + 212°F)
- 100.000 cycles at 133% of rated pressure disconnected 1.000.000 cycles at 133% of rated pressure connected. Tested according to ISO 7241-2 specifications

Fields of Application

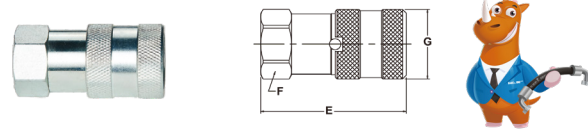


Specifications

Size		Working Pressure	Flow Rate	Burst Pressures			Force to Connect
			@ 0,2 MPa pressure drop				
mm	inch	MPa (PSI)	l/min (GPM)	MPa (PSI)	MPa (PSI)		N
3.2	1/8"	35(5000)	12(3,2)	170(24200)	140(20000)	180(25700)	105
6.3	1/4"	35(5000)	25(6,6)	170(24200)	140(20000)	180(25700)	110
10	3/8"	35(5000)	50(13,2)	170(24200)	140(20000)	170(24200)	150
12.5	1/2"	35(5000)	110(29)	140(20000)	140(20000)	170(24200)	210
16	5/8"	35(5000)	125(33)	140(20000)	140(20000)	140(20000)	205
19	3/4"	35(5000)	160(42,4)	140(20000)	140(20000)	140(20000)	215
25	1"	35(5000)	230(60.7)	140(20000)	140(20000)	170(24200)	280

PRODUCT INTRODUCTION (HYDRAULIC QUICK COUPLINGS)
DME&JDE FLAT FACE HYDRAULIC QUICK COUPLINGS
(CARBON STEEL)/INTERNATIONAL INTERCHANGE ISO 16028

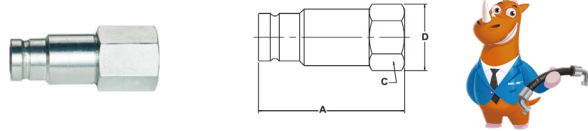
Female



► Specifications

Part No.	Thread	Size	E (mm)	F (mm)	G (mm)	Part No.	Thread	Size	E (in)	F (in)	G (in)	Weight	Package
QKPT 02-02SF	G1/4	1/4	48.0	24.0	28.0	QKPT 02-NO2SF	NPT1/4	1/4	1.88	0.94	1.10		
QKPT 03-03SF	G3/8	3/8	65.0	27.0	32.0	QKPT 03-N03SF	NPT3/8	3/8	2.55	1.06	1.25		
QKPT 03-04SF	G1/2	3/8	70.0	27.0	32.0	QKPT 03-N04SF	NPT1/2	3/8	2.75	1.06	1.25		
QKPT 04-04SF	G1/2	1/2	79.0	36.0	40.0	QKPT 04-N04SF	NPT1/2	1/2	3.11	1.41	1.57		
QKPT 04-06SF	G3/4	1/2	79.0	36.0	40.0	QKPT 04-NO6SF	NPT3/4	1/2	3.11	1.41	1.57		
QKPT 06-06SF	G3/4	3/4	79.0	36.0	41.0	QKPT 06-NO6SF	NPT3/4	3/4	3.11	1.41	1.63		
QKPT 08-08SF	G1	1	93.0	45.0	48.0	QKPT 08-NO8SF	NPT1	1	3.66	1.77	1.88		
QKPT 08-10SF	G1 1/4	1	103.0	50.0	55.0	QKPT 08-N10SF	NPT1 1/4	1	4.06	1.97	2.17		

Male

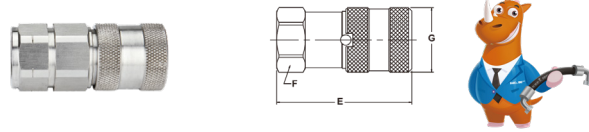


► Specifications

Part No.	Thread	Size	E (mm)	F (mm)	G (mm)	Part No.	Thread	Size	E (in)	F (in)	G (in)	Weight	Package
QKPT 02-02PF	G1/4	1/4	48.0	22.0	24.0	QKPT 02-NO2PF	NPT1/4	1/4	1.88	0.86	0.94		
QKPT 03-03PF	G3/8	3/8	60.0	24.0	26.0	QKPT 03-N03PF	NPT3/8	3/8	2.36	0.94	1.02		
QKPT 03-04PF	G1/2	3/8	63.0	27.0	29.0	QKPT 03-N04PF	NPT1/2	3/8	2.48	1.06	1.14		
QKPT 04-04PF	G1/2	1/2	70.0	32.0	35.0	QKPT 04-N04PF	NPT1/2	1/2	2.77	1.25	1.37		
QKPT 04-06PF	G3/4	1/2	70.0	32.0	35.0	QKPT 04-NO6PF	NPT3/4	1/2	2.77	1.25	1.37		
QKPT 06-06PF	G3/4	3/4	70.0	36.0	38.0	QKPT 06-NO6PF	NPT3/4	3/4	2.77	1.41	1.51		
QKPT 08-08PF	G1	1	83.0	45.0	48.0	QKPT 08-NO8PF	NPT1	1	3.26	1.77	1.88		
QKPT 08-10PF	G1 1/4	1	109.0	55.0	60.0	QKPT 08-N10PF	NPT1 1/4	1	4.29	2.17	2.36		

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(CARBON STEEL)/INTERNATIONAL INTERCHANGE ISO 16028

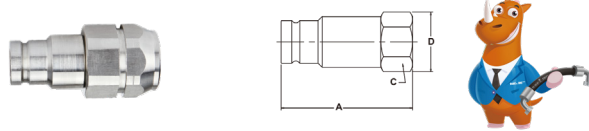
Female



► Specifications

Part No.	Thread	Size	E (mm)	F (mm)	G (mm)	Part No.	Thread	Size	E (in)	F (in)	G (in)	Weight	Package
QKPS 02-02SF	G1/4	1/4	48.0	24.0	28.0	QKPS 02-NO2SF	NPT1/4	1/4	1.88	0.94	1.10		
QKPS 03-03SF	G3/8	3/8	65.0	27.0	32.0	QKPS 03-N03SF	NPT3/8	3/8	2.55	1.06	1.25		
QKPS 03-04SF	G1/2	3/8	70.0	27.0	32.0	QKPS 03-N04SF	NPT1/2	3/8	2.75	1.06	1.25		
QKPS 04-04SF	G1/2	1/2	79.0	36.0	40.0	QKPS 04-N04SF	NPT1/2	1/2	3.11	1.41	1.57		
QKPS 04-06SF	G3/4	1/2	79.0	36.0	40.0	QKPS 04-NO6SF	NPT3/4	1/2	3.11	1.41	1.57		
QKPST 06-06SF	G3/4	3/4	79.0	36.0	41.0	QKPS 06-NO6SF	NPT3/4	3/4	3.11	1.41	1.63		
QKPS 08-08SF	G1	1	93.0	45.0	48.0	QKPS 08-NO8SF	NPT1	1	3.66	1.77	1.88		
QKPS 08-10SF	G1 1/4	1	103.0	50.0	55.0	QKPS 08-N10SF	NPT1 1/4	1	4.06	1.97	2.17		

Male



► Specifications

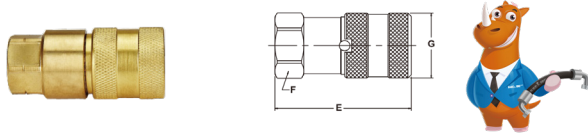
Part No.	Thread	Size	E (mm)	F (mm)	G (mm)	Part No.	Thread	Size	E (in)	F (in)	G (in)	Weight	Package
QKPS 02-02PF	G1/4	1/4	48.0	22.0	24.0	QKPS 02-NO2PF	NPT1/4	1/4	1.88	0.86	0.94		
QKPS 03-03PF	G3/8	3/8	60.0	24.0	26.0	QKPS 03-N03PF	NPT3/8	3/8	2.36	0.94	1.02		
QKPS 03-04PF	G1/2	3/8	63.0	27.0	29.0	QKPS 03-N04PF	NPT1/2	3/8	2.48	1.06	1.14		
QKPS 04-04PF	G1/2	1/2	70.0	32.0	35.0	QKPS 04-N04PF	NPT1/2	1/2	2.77	1.25	1.37		
QKPS 04-06PF	G3/4	1/2	70.0	32.0	35.0	QKPS 04-NO6PF	NPT3/4	1/2	2.77	1.25	1.37		
QKPS 06-06PF	G3/4	3/4	70.0	36.0	38.0	QKPS 06-NO6PF	NPT3/4	3/4	2.77	1.41	1.51		
QKPS 08-08PF	G1	1	83.0	45.0	48.0	QKPS 08-NO8PF	NPT1	1	3.26	1.77	1.88		
QKPS 08-10PF	G1 1/4	1	109.0	55.0	60.0	QKPS 08-N10PF	NPT1 1/4	1	4.29	2.17	2.36		

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DME&JDE FLAT FACE HYDRAULIC QUICK COUPLINGS

(CARBON STEEL)/INTERNATIONAL INTERCHANGE ISO 16028

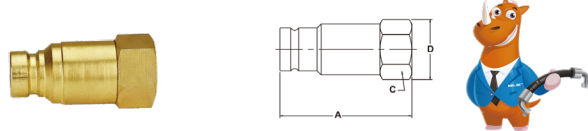
Female



► Specifications

Part No.	Thread	Size	E (mm)	F (mm)	G (mm)	Part No.	Thread	Size	E (in)	F (in)	G (in)	Weight	Package
QKPB 02-02SF	G1/4	1/4	48.0	24.0	28.0	QKPB 02-NO2SF	NPT1/4	1/4	1.88	0.94	1.10		
QKPB 03-03SF	G3/8	3/8	65.0	27.0	32.0	QKPB 03-NO3SF	NPT3/8	3/8	2.55	1.06	1.25		
QKPB 03-04SF	G1/2	3/8	70.0	27.0	32.0	QKPB 03-NO4SF	NPT1/2	3/8	2.75	1.06	1.25		
QKPB 04-04SF	G1/2	1/2	79.0	36.0	40.0	QKPB 04-NO4SF	NPT1/2	1/2	3.11	1.41	1.57		
QKPB 04-06SF	G3/4	1/2	79.0	36.0	40.0	QKPB 04-NO6SF	NPT3/4	1/2	3.11	1.41	1.57		
QKPB 06-06SF	G3/4	3/4	79.0	36.0	41.0	QKPB 06-NO6SF	NPT3/4	3/4	3.11	1.41	1.63		
QKPB 08-08SF	G1	1	93.0	45.0	48.0	QKPB 08-NO8SF	NPT1	1	3.66	1.77	1.88		
QKPB 08-10SF	G1 1/4	1	103.0	50.0	55.0	QKPB 08-N10SF	NPT1 1/4	1	4.06	1.97	2.17		

Male



► Specifications

Part No.	Thread	Size	E (mm)	F (mm)	G (mm)	Part No.	Thread	Size	E (in)	F (in)	G (in)	Weight	Package
QKPB 02-02PF	G1/4	1/4	48.0	22.0	24.0	QKPB 02-NO2PF	NPT1/4	1/4	1.88	0.86	0.94		
QKPB 03-03PF	G3/8	3/8	60.0	24.0	26.0	QKPB 03-NO3PF	NPT3/8	3/8	2.36	0.94	1.02		
QKPB 03-04PF	G1/2	3/8	63.0	27.0	29.0	QKPB 03-NO4PF	NPT1/2	3/8	2.48	1.06	1.14		
QKPB 04-04PF	G1/2	1/2	70.0	32.0	35.0	QKPB 04-NO4PF	NPT1/2	1/2	2.77	1.25	1.37		
QKPB 04-06PF	G3/4	1/2	70.0	32.0	35.0	QKPB 04-NO6PF	NPT3/4	1/2	2.77	1.25	1.37		
QKPB 06-06PF	G3/4	3/4	70.0	36.0	38.0	QKPB 06-NO6PF	NPT3/4	3/4	2.77	1.41	1.51		
QKPB 08-08PF	G1	1	83.0	45.0	48.0	QKPB 08-NO8PF	NPT1	1	3.26	1.77	1.88		
QKPB 08-10PF	G1 1/4	1	109.0	55.0	60.0	QKPB 08-N10PF	NPT1 1/4	1	4.29	2.17	2.36		

Accessories

Size		Dust protections 		Dust protections 	
		PVC	Aluminum	PVC	Aluminum
mm	inch	Part No.	Colour	Part No.	Part No.
6.3	1/4"	CZT - 1/4	Orange		PZB - 1/4
10	3/8"	CZT - 3/8	Orange		PZB - 3/8
12.5	1/2"	CZT - 1/2	Orange		PZB - 1/2
16	5/8"		Orange		
20	3/4"	CZT - 3/4	Orange		PZB - 3/4
25	1"	CZT - 1	Orange		PZB - 1

PRODUCT INTRODUCTION (HYDRAULIC QUICK COUPLINGS)

DME&JDE FLAT FACE HYDRAULIC QUICK COUPLINGS

(CARBON STEEL)/INTERNATIONAL INTERCHANGE ISO 16028

Features

- Connexion by pushing the male coupling
- Disconnexion by pulling back the female sleeve
- Shut off by flat face valve
- Connexion under pressure not allowed
- Disconnexion under pressure not allowed
- Interchangeability according to ISO 16028
- No spillage during Connexion and Disconnexion



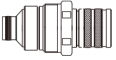
Technical Specifications

- High grade carbon steel tempered or carbonitrided for specific stressed area
- Polyurethane and NBR Backup ring in PTFE
- -25°C to + 100°C (-13°F to + 212°F)
- 100.000 cycles at 133% of rated pressure disconnected 1.000.000 cycles at 133% of rated pressure connected. Tested according to ISO 7241-2 specifications

Fields of Application



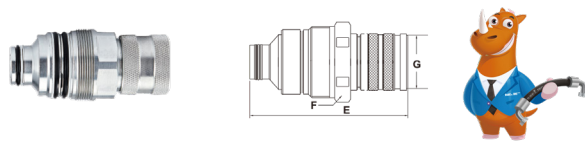
► Specifications

Size		Working Pressure	Flow Rate	Burst Pressures			Force to Connect
			@ 0,2 MPa pressure drop				
mm	inch	MPa (PSI)	l/min (GPM)	MPa (PSI)	MPa (PSI)	MPa (PSI)	N
12.5	1/2"	35 (5000)	110 (29)	140 (20000)	140 (20000)	170 (24200)	-
19	3/4"	35 (5000)	160 (42.4)	140 (20000)	140 (20000)	140 (20000)	-

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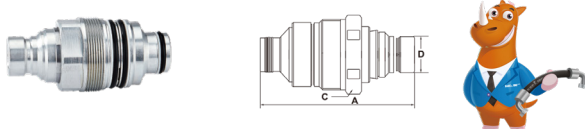
Female



► Specifications

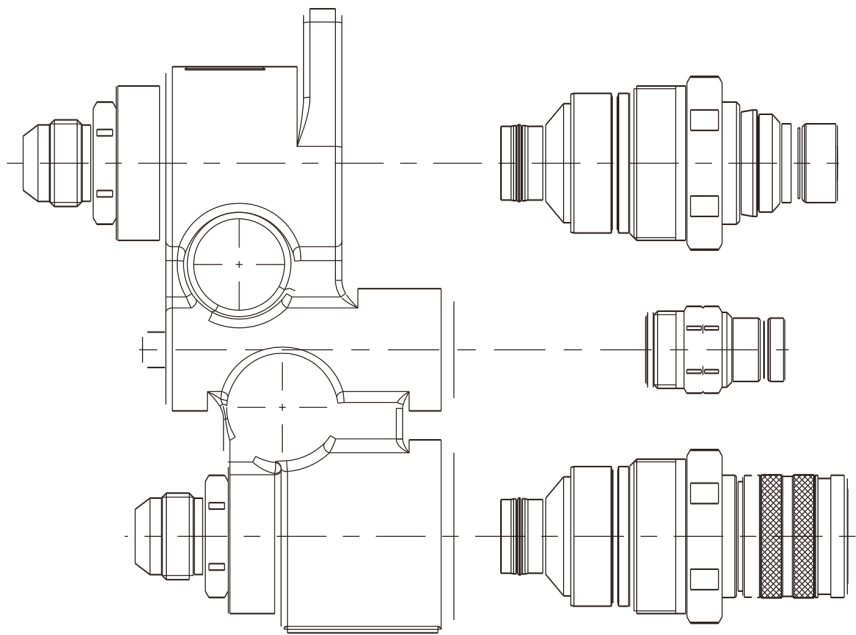
Part No.	Thread	Size	E (mm)	F (mm)	G (mm)	Weight	Package
QKPH 04-04SM	M 46x1.5	1/2	102	42	38		
QKPH 04-06SM	M 48x1.5	1/2	103	50	38		

Male



► Specifications

Part No.	Thread	Size	E (mm)	F (mm)	G (mm)	Weight	Package
QKPH 04-04PM	M 46x1.5	1/2	99	42	24.7		
QKPH 04-06PM	M 48x1.5	1/2	100	50	24.7		



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DME&JDE FLAT FACE HYDRAULIC QUICK COUPLINGS
(CARBON STEEL)/INTERNATIONAL INTERCHANGE ISO 16028



Features

- Connexion by pushing the male coupling
- Disconnexion by pulling back the female sleeve
- Shut off by flat face valve
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- Interchangeability according to ISO 16028
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Technical Specifications

- High grade carbon steel tempered or carbonitrited for specific stressed area
- Polyurethane and NBR Backup ring in PTFE
- -25°C to + 100°C (-13°F to + 212°F)
- 100.000 cycles at 133% of rated pressure disconnected 1.000.000 cycles at 133% of rated pressure connected. Tested according to ISO 7241-2 specifications

Fields of Application



► Specifications

Size		Working Pressure	Flow Rate	Burst Pressures			Force to Connect
			@ 0,2 MPa pressure drop				
mm	inch	MPa (PSI)	l/min (GPM)	MPa (PSI)	MPa (PSI)	MPa (PSI)	N
10	3/8"	25 (3625)	40 (10.4)	100 (14500)	100 (14500)	110 (15950)	-
12.5	1/2"	25 (3625)	70 (18.2)	100 (14500)	100 (14500)	110 (15950)	-