

ISO "A" SERIES - PULL BREAK HYDRAULIC QUICK RELEASE COUPLINGS



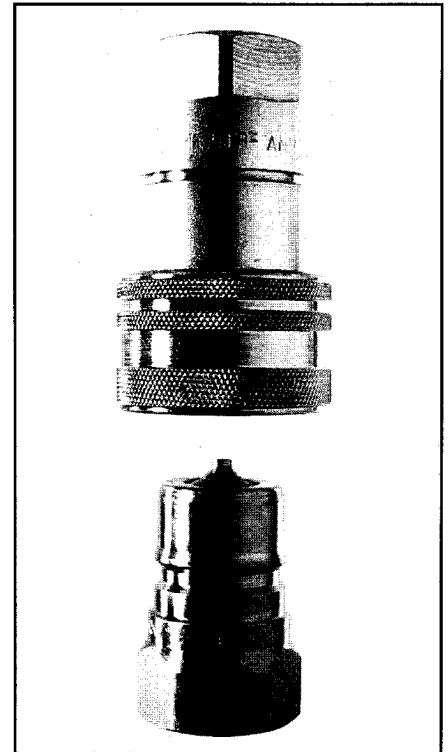
These couplings are the most used both in agriculture and industry. Connection and disconnection is possible by retracting the sleeve.

Locking is provided by 10-16 balls according to sizes. The shut-off valve assures maximum seal even at low pressure

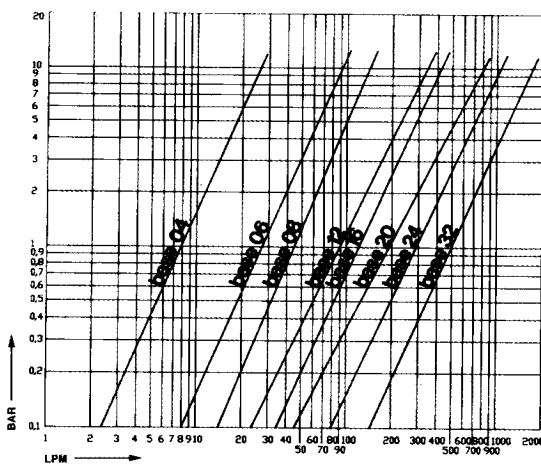
MATERIALS

BODY

FEMALE	=	STEEL - WEAR PARTS CARBONITRIDED
MALE	=	HIGH GRADE CARBON STEEL - HARDENED
FINISH	=	ZINC/YELLOW PASSIVATED
VALVE	=	TEMPERED STEEL
SPRINGS	=	C98
BEARINGS	=	100 C6
SEALS	=	NITRIL (VITON/EPDM ON REQUEST)
RINGS	=	PURE TEFLON
TEMP. RANGE	=	-25°C TO +125°C

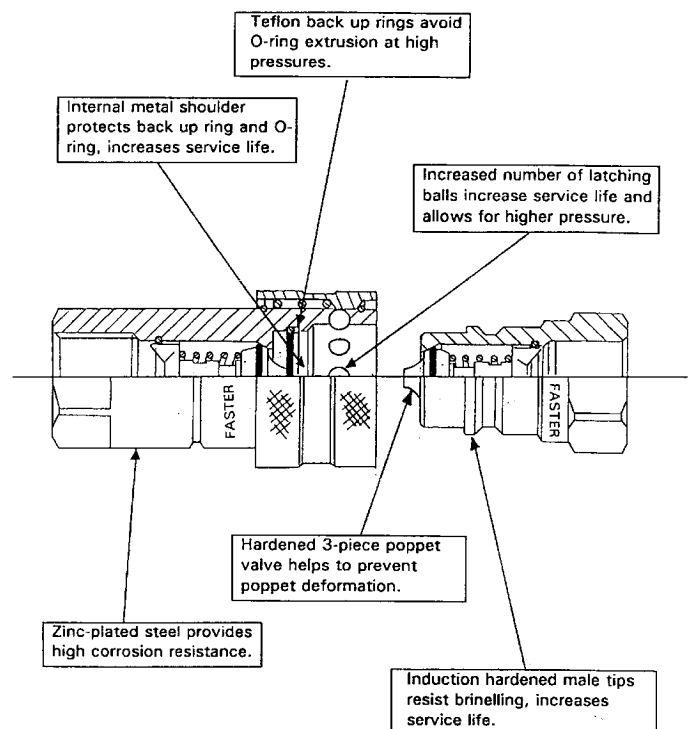


PRESSURE DROP GRAPH

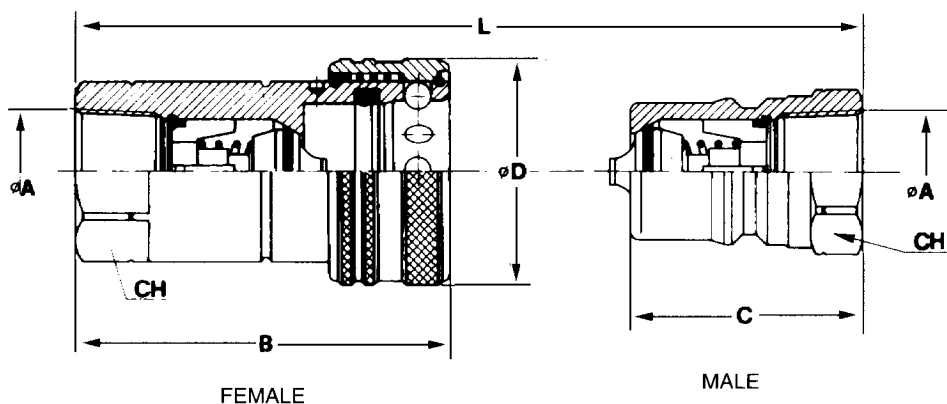


Faster series "A" couplings are the ideal choice where a strong, durable product of superior quality is required.

(In comparison to ISO "B" series couplings, the ISO "A" are both smaller and easier to connect & release)



DIMENSIONS



BASE SIZE	IDENT FEMALE	IDENT MALE	ØA	B	C	ØD	L	F (CH)	M (CH)	SM
04	84100	84000	1/4" BSP	47.2	38.6	25	71.3	19	19	15
	84100N	84000N	1/4" NPTF							
06	84101	84001	3/8" BSP	57	39	32	78	22	22	65
	84101N	84001N	3/8" NPTF							
08	84102	84002	1/2" BSP	66	44	38	88	27	27	86
	84102N	84002N	1/2" NPTF							
12	84103	84003	3/4" BSP	82.5	55	48	110	34	34	207
	84103N	84003N	3/4" NPTF							
16	84104	84004	1" BSP	100	66	56	132	41	41	245
	84104N	84004N	1" NPTF							

TECHNICAL DATA

BASE SIZE	DN mm	RATED FLOW		FORCE TO CONNECT		MAX WORK PRESSURE		MINIMUM BURST PRESSURE						SPILLAGE cc max	INCLUSION cc max
		LPM	GPM	kg	lbs	BAR	PSI	CONNECTED		MALE		FEMALE			
04	4.5	10	2.1	4	8.8	400	5,800	2.250	32,600	1.650	23,900	1.600	23,200	0.5	0.5
06	8	32	7.1	8	17.7	300	4,350	1.500	21,700	1.200	17,400	1.200	17,400	1,1	1,108
08	10.5	60	13.2	10	22	300	4,350	1.480	21,400	1.200	17,400	1.250	18,100	2,5	2,5
12	14	130	29	15	33	250	3,600	1.00	14,500	1.000	14,500	1.000	14,500	8	8
16	17.5	190	42.3	18	39.7	230	3,300	950	13,700	950	13,700	960	13,900	13	13