

### DIMENSIONS / DIMENSIONI

SIZE BASE	Ø DN		CODE / CODICE		ØA*	B		C		ØD		L		Ch1		Ch2	
	mm	inch	PLUG MASCHIO	SOCKET FEMMINA		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
04	6	1/4"	AM10-04	AF10-04	1/4"BSP	35	1.38	47,0	1.85	25	0.98	71,0	2.80	19	0.75	19	0.75
			AM15-04	AF15-04	1/4"NPTF												
			AM18-04	AF18-04	1/4"BSPT												
06	10	3/8"	AM10-06	AF10-06	3/8"BSP	39	1.54	58,0	2.28	31	1.22	79,5	3.13	22	0.87	24	0.94
			AM15-06	AF15-06	3/8"NPTF												
			AM18-06	AF18-06	3/8"BSPT												
08	12	1/2"	AM10-08	AF10-08	1/2"BSP	46	1.81	67,5	2.66	38	1.50	92,0	3.62	27	1.06	30	1.18
			AM15-08	AF15-08	1/2"NPTF												
			AM18-08	AF18-08	1/2"BSPT												
12	20	3/4"	AM10-12	AF10-12	3/4"BSP	54	2.13	81,0	3.19	46	1.81	108,0	4.25	34	1.34	38	1.50
			AM15-12	AF15-12	3/4"NPTF												
			AM18-12	AF18-12	3/4"BSPT												
16	25	1"	AM10-16	AF10-16	1"BSP	62	2.44	96,0	3.78	55	2.17	124,0	4.88	41	1.61	45	1.77
			AM15-16	AF15-16	1"NPTF												
			AM18-16	AF18-16	1"BSPT												
20	32	1.1/4"	AM10-20	AF10-20	1.1/4"BSP	75	2.95	117,0	4.61	65	2.56	151,0	5.94	55	2.17	50	1.97
			AM15-20	AF15-20	1.1/4"NPTF												
			AM18-20	AF18-20	1.1/4"BSPT												
24	38	1.1/2"	AM10-24	AF10-24	1.1/2"BSP	85	3.35	135,0	5.31	80	3.15	171,0	6.73	60	2.36	60	2.36
			AM15-24	AF15-24	1.1/2"NPTF												
			AM18-24	AF18-24	1.1/2"BSPT												
32	50	2"	AM10-32	AF10-32	2"BSP	100	3.94	160,0	6.30	100	3.94	201,0	7.91	75	2.95	75	2.95
			AM15-32	AF15-32	2"NPTF												
			AM18-32	AF18-32	2"BSPT												

\* Other threads available on request  
Ulteriori filettature disponibili a richiesta

## MAIN DATA:

Series A is designed to interchange and perform according to ISO 7241-A standard.

It is one of the most popular coupling design worldwide and is indicated for several mobile and industrial applications.

- Interchangeability according to ISO 7241-A
- Standard material: steel
- Plugs treated with induction hardening
- Internal valves in hardened steel
- Standard seals in nitril rubber
- Back - up seals in teflon
- Working temperature with standard nitril seals: - 20° C / + 110° C
- Special seals on request: Viton, EPDM, Neoprene
- 1/2" plug and socket are also available in a special version allowing their connection in presence of residual back pressure.

## CARATTERISTICHE PRINCIPALI:

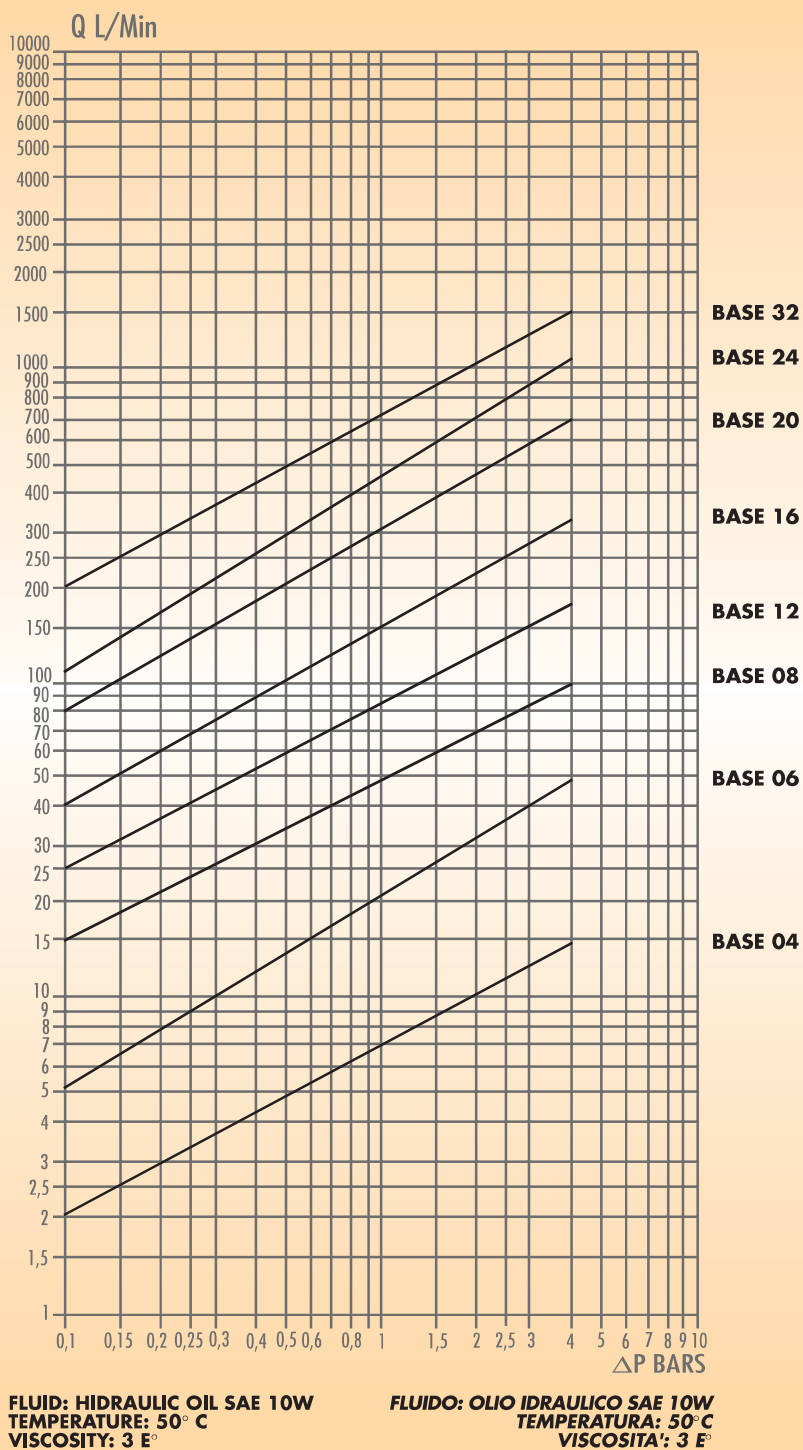
La serie A ha intercambiabilità e prestazioni secondo la normativa ISO 7241-A.

Si tratta di uno tra i più diffusi tipi di innesto rapido a livello internazionale e trova applicazione su un'ampia gamma di attrezzature mobili e industriali.

- Intercambiabilità secondo ISO 7241-A
- Materiale standard: acciaio
- Parte maschio in acciaio temprato ad induzione
- Valvole interne in acciaio temprato
- Guarnizioni standard in gomma nitrilica
- Anelli antiestrusione in teflon
- Temperature esercizio con guarnizioni standard: -20° C / + 110° C
- Guarnizioni speciali a richiesta: Viton, EPDM, Neoprene
- Gli innesti maschio e femmina da 1/2" sono disponibili anche in una versione speciale che permette il loro aggancio in presenza di pressioni residue.

"A" SERIES COUPLINGS  
PRESSURE DROP GRAPH

GRAFICO PERDITE DI CARICO  
INNESTI SERIE "A"



## PERFORMANCES / PRESTAZIONI

SIZE BASE	Ø DN		MAX. WORK PRESSURE MAX PRESSIONE ESERCIZIO		BURST PRESSURE PRESSIONE SCOPPIO		WEIGHT / PESO			
	mm	inch	bar	psi	bar	psi	PLUG / MASCHIO		SOCKET / FEMMINA	
							kg	lbs	kg	lbs
04	6	1/4"	350	5075	1400	20300	0,045	0,100	0,080	0.18
06	10	3/8"	315	4567	1260	18270	0,055	0,122	0,150	0.33
08	12	1/2"	250	3625	1000	14500	0,090	0,200	0,270	0.60
12	20	3/4"	250	3625	1000	14500	0,185	0,410	0,465	1.03
16	25	1"	230	3335	920	13340	0,270	0,600	0,720	1.60
20	32	1.1/4"	230	3335	920	13340	0,600	1,330	1,250	2.78
24	38	1.1/2"	190	2755	760	11020	0,900	2,000	2,100	4.67
32	50	2"	130	1885	520	7540	1,450	3,220	4,150	9.22