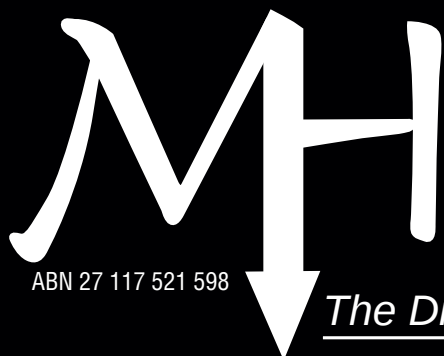




ABN 27 117 521 598

The Direct Connection

Mark Heffernan Qld Pty Ltd

The Australian distributor of
Interlock fittings series



Catalogue

2014

MS
HYDRAULICS
Stainless Steel Fittings



GHIERA PER TUBO EN 856 4SH
4 SH FERRULE FOR EN 856 4SH
HOSE TYPE

Cod. FR4SH..

Pag. 2.3



GHIERA PER TUBO SAE 100 R13
(EN 856 R13) -
R13 FERRULE FOR SAE 100 R13
(EN 856 R13) -

Cod. FR13..

Pag. 2.4



MASCHIO SVASATO 60° INTERLOCK
Filetto Gas Cilindrico
INTERLOCK 60° CONE
Thread BSP Parallel

Cod. INTBSPM..

Pag. 2.5



FEMMINA GIREVOLE GAS
CONO 60° INTERLOCK
INTERLOCK BSP SWIVEL
FEMALE 60° CONE

Cod. INTBSPSF..

Pag. 2.6



FEMMINA GIREVOLE 45° GAS
CONO 60° INTERLOCK
INTERLOCK 45° BSP SWIVEL
FEMALE 60° CONE

Cod. 45INTBSPSF..

Pag. 2.7



FEMMINA GIREVOLE 90° GAS
CONO 60° INTERLOCK
INTERLOCK 90° BSP SWIVEL
FEMALE 60° CONE

Cod. 90INTBSPSF..

Pag. 2.8



FEMMINA GIREVOLE JIC SVASATA
74° INTERLOCK
INTERLOCK JIC SWIVEL
FEMALE 74° CONE

Cod. INTJSF..

Pag. 2.9



FEMMINA GIREVOLE 45° JIC
SVASATA 74° INTERLOCK
INTERLOCK 45° JIC SWIVEL
FEMALE 74° CONE

Cod. 45INTJSF..

Pag. 2.10



FEMMINA GIREVOLE 90° JIC
SVASATA 74° INTERLOCK
INTERLOCK 90° JIC SWIVEL
FEMALE 74° CONE

Cod. 90INTJSF..

Pag. 2.11



MASCHIO JIC CONO 74° INTERLOCK
INTERLOCK JIC MALE 74° CONE

Cod. INTJM..

Pag. 2.12



MASCHIO METRICO SVASATO 24° -
SERIE PESANTE INTERLOCK
INTERLOCK METRIC MALE 24° CONE -
HEAVY TYPE

Cod. INTMMH..

Pag. 2.13



MASCHIO SVASATO 60° INTERLOCK
Filetto NPT
INTERLOCK MALE 60° CONE
Thread NPT

Cod. INTNPTM..

Pag. 2.14



**FEMMINA GIREVOLE O'RING CONO 24°
SERIE PESANTE INTERLOCK**
Filetto Metrico Cilindrico
**INTERLOCK O'RING METRIC SWIVEL
FEMALE 24° CONE – HEAVY TYPE**
Thread Metric Parallel

Cod. INTORMSFH..

Pag. 2.15



**FEMMINA GIREVOLE 45° O'RING CONO
24° – SERIE PESANTE INTERLOCK**
Filetto Metrico Cilindrico
**INTERLOCK 45° O'RING METRIC SWIVEL
FEMALE 24° CONE – HEAVY TYPE**
Thread Metric Parallel

Cod. 45INTORMSFH..

Pag. 2.16



**FEMMINA GIREVOLE 90° O'RING CONO
24° – SERIE PESANTE INTERLOCK**
Filetto Metrico Cilindrico
**INTERLOCK 90° O'RING METRIC SWIVEL
FEMALE 24° CONE – HEAVY TYPE**
Thread Metric Parallel

Cod. 90INTORMSFH..

Pag. 2.17



**FEMMINA GIREVOLE O'RING CONO 24°
SERIE LEGGERA INTERLOCK**
Filetto Metrico Cilindrico
**INTERLOCK O'RING METRIC SWIVEL
FEMALE 24° CONE – LIGHT TYPE**
Thread Metric Parallel

Cod. INTORMSFL..

Pag. 2.18



**FEMMINA GIREVOLE 45° O'RING CONO
24° – SERIE LEGGERA INTERLOCK**
Filetto Metrico Cilindrico
**INTERLOCK 45° O'RING METRIC SWIVEL
FEMALE 24° CONE – LIGHT TYPE**
Thread Metric Parallel

Cod. 45INTORMSFL..

Pag. 2.19



**FEMMINA GIREVOLE 90° O'RING CONO
24° – SERIE LEGGERA INTERLOCK**
Filetto Metrico Cilindrico
**INTERLOCK 90° O'RING METRIC SWIVEL
FEMALE 24° CONE – LIGHT TYPE**
Thread Metric Parallel

Cod. 90INTORMSFL..

Pag. 2.20



**FLANGIA SAE SERIE 3000 PSI
INTERLOCK**
**INTERLOCK SAE STRAIGHT
FLANGE 3000 PSI SERIES**

Cod. INTSSF3000..

Pag. 2.21



**FLANGIA 45° SAE SERIE 3000 PSI
INTERLOCK**
**INTERLOCK 45° SAE
FLANGE 3000 PSI SERIES**

Cod. 45INTSF3000..

Pag. 2.22



**FLANGIA 90° SAE SERIE 3000 PSI
INTERLOCK**
**INTERLOCK 90° SAE
FLANGE 3000 PSI SERIES**

Cod. 90INTSF3000..

Pag. 2.23



**FLANGIA SAE SERIE 6000 PSI
INTERLOCK**
**INTERLOCK SAE STRAIGHT
FLANGE 6000 PSI SERIES**

Cod. INTSSF6000..

Pag. 2.24



**FLANGIA 45° SAE SERIE 6000 PSI
INTERLOCK**
**INTERLOCK 45° SAE
FLANGE 6000 PSI SERIES**

Cod. 45INTSF6000..

Pag. 2.25

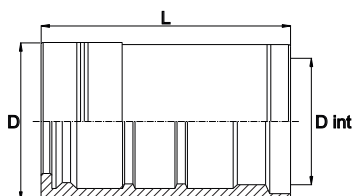


**FLANGIA 90° SAE SERIE 6000 PSI
INTERLOCK**
**INTERLOCK 90° SAE
FLANGE 6000 PSI SERIES**

Cod. 90INTSF6000..

Pag. 2.26

GHIERA PER TUBO EN 856 4SH 4 SH FERRULE FOR EN 856 4SH HOSE TYPE

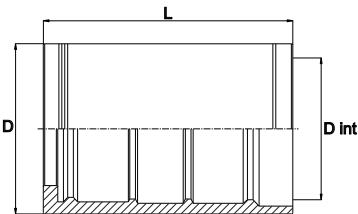


Codice Part Number	Ø Int. Tubo Inch. Hose I.D.	L	D	D int
FR4SH12**	3/4"	60,0	38,0	30,0
FR4SH16**	1"	74,0	46,0	37,2
FR4SH20	1" 1/4	88,0	55,0	44,2
FR4SH24	1" 1/2	88,0	62,0	51,3
FR4SH32	2"	99,0	79,5	66,0

** Anche per tubo SAE 100 R13 (EN 856 R13)

** Also for SAE 100 R13 (EN 856 R13) Hose type

GHIERA PER TUBO SAE 100 R13 (EN 856 R13)
R13 FERRULE FOR SAE 100 R13 (EN 856 R13)



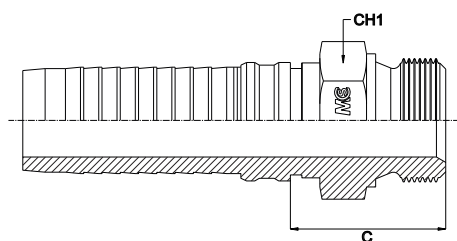
Codice Part Number	Ø Int. Tubo Inch. Hose I.D.	L	D	D int
FR1320	1"1/4	88,0	60,0	49,5
FR1324	1"1/2	88,0	67,0	56,0
FR1332	2"	99,0	84,5	71,0

MASCHIO SVASATO 60° INTERLOCK

Filetto Gas Cilindrico

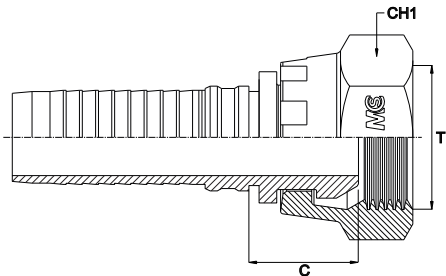
INTERLOCK 60° CONE

Thread BSP Paralell



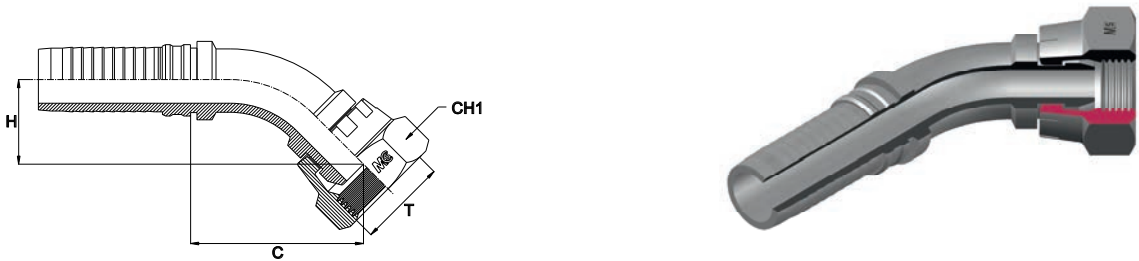
Bar W.P.	Codice Part Number	Filetto Thread	Ø Int. Tubo Inch. Hose I.D.	C Cut - Off	CH1
420	INTBSPM1212	3/4"	3/4"	34	32
414	INTBSPM1616	1"	1"	39	38
	INTBSPM2020	1" 1/4	1" 1/4	44	50
345	INTBSPM2424	1" 1/2	1" 1/2	44	55
	INTBSPM3232	2"	2"	49	70

FEMMINA GIREVOLE GAS CONO 60° INTERLOCK
INTERLOCK BSP SWIVEL FEMALE 60° CONE



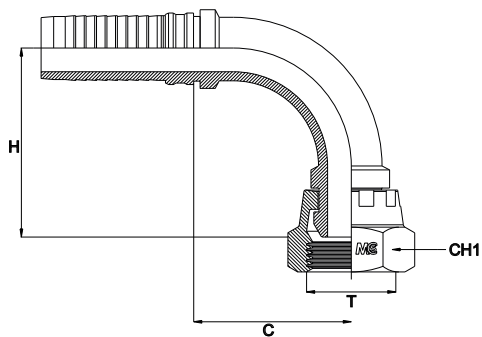
Bar W.P.	Codice Part Number	Filetto Thread	Ø Int. Tubo Inch. Hose I.D.	C Cut - Off	CH1
420	INTBSPSF1212	3/4"	3/4"	22,7	32
414	INTBSPSF1616	1"	1"	24,6	38
	INTBSPSF2020	1" 1/4	1" 1/4	25,5	50
345	INTBSPSF2424	1" 1/2	1" 1/2	29,5	55
	INTBSPSF3232	2"	2"	30,0	70

FEMMINA GIREVOLE 45° GAS CONO 60° INTERLOCK
INTERLOCK 45° BSP SWIVEL FEMALE 60° CONE



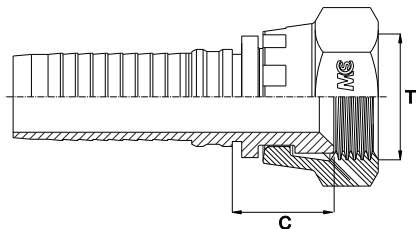
Bar W.P.	Codice Part Number	Filetto Thread	Ø Int. Tubo Inch. Hose I.D.	C Cut - Off	H Drop	CH1
420	45INTBSPSF1212	3/4"	3/4"	88,0	35,5	32
	45INTBSPSF1616	1"	1"	110,0	40,5	38
414	45INTBSPSF2020	1" 1/4	1" 1/4	136,5	45,0	50
	45INTBSPSF2424	1" 1/2	1" 1/2	168,5	54,5	55
345	45INTBSPSF3232	2"	2"	186,0	50,0	70

FEMMINA GIREVOLE 90° GAS CONO 60° INTERLOCK
INTERLOCK 90° BSP SWIVEL FEMALE 60° CONE



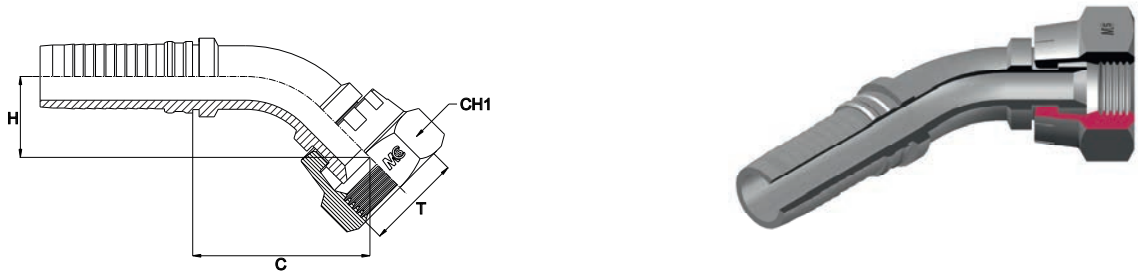
Bar W.P.	Codice Part Number	Filetto Thread	Ø Int. Tubo Inch. Hose I.D.	C Cut - Off	H Drop	CH1
420	90INTBSPSF1212	3/4"	3/4"	48,0	59,5	32
	90INTBSPSF1616	1"	1"	65,5	77,5	38
414	90INTBSPSF2020	1"1/4	1"1/4	83,0	88,0	50
	90INTBSPSF2424	1"1/2	1"1/2	112,0	104,0	55
345	90INTBSPSF3232	2"	2"	125,0	121,0	70

FEMMINA GIREVOLE JIC SVASATA 74° INTERLOCK
INTERLOCK JIC SWIVEL FEMALE 74° CONE



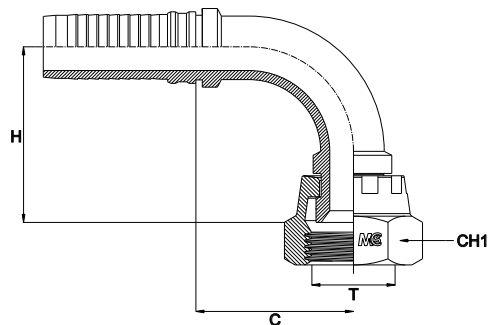
Bar W.P.	Codice Part Number	Filetto Thread	Ø Int. Tubo Inch. Hose I.D.	C Cut - Off	CH1
420	INTJSF1712	1"1/16	3/4"	22,7	32
	INTJSF2112	1"5/16	3/4"	22,7	38
414	INTJSF2116	1"5/16	1"	23,0	38
	INTJSF2620	1"5/8	1"1/4	25,5	50
345	INTJSF3024	1"7/8	1"1/2	25,5	55
	INTJSF4032	2"1/2	2"	30,0	70

FEMMINA GIREVOLE 45° JIC SVASATA 74° INTERLOCK
INTERLOCK 45° JIC SWIVEL FEMALE 74° CONE



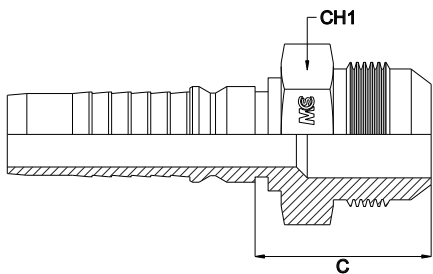
Bar W.P.	Codice Part Number	Filetto Thread	Ø Int. Tubo Inch. Hose I.D.	C Cut - Off	H Drop	CH1
420	45INTJSF1712	1" 1/16	3/4"	88,0	35,8	32
	45INTJSF2112	1" 5/16	3/4"	83,5	26,0	38
414	45INTJSF2116	1" 5/16	1"	114,5	43,0	38
	45INTJSF2620	1" 5/8	1" 1/4	134,5	45,5	50
345	45INTJSF3024	1" 7/8	1" 1/2	180,0	60,5	55

FEMMINA GIREVOLE 90° JIC SVASATA 74° INTERLOCK
INTERLOCK 90° JIC SWIVEL FEMALE 74° CONE



Bar W.P.	Codice Part Number	Filetto Thread	Ø Int. Tubo Inch. Hose I.D.	C Cut - Off	H Drop	CH1
420	90INTJSF1712	1" 1/16	3/4"	53,0	61,0	32
	90INTJSF2112	1" 5/16	3/4"	51,0	63,5	38
414	90INTJSF2116	1" 5/16	1"	69,0	75,0	38
	90INTJSF2620	1" 5/8	1" 1/4	86,5	85,5	50
345	90INTJSF3024	1" 7/8	1" 1/2	117,0	109,0	55

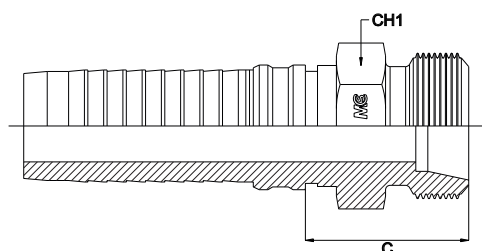
MASCHIO JIC CONO 74° INTERLOCK
INTERLOCK JIC MALE 74° CONE



Bar W.P.	Codice Part Number	Filetto Thread	Ø Int. Tubo Inch. Hose I.D.	C Cut - Off	CH1
420	INTJM1712	1"1/16	3/4"	37,0	27
	INTJM2112	1"5/16	3/4"	40,5	36
414	INTJM2116	1"5/16	1"	41,5	36
	INTJM2620	1"5/8	1"1/4	44,0	46
345	INTJM3024	1"7/8	1"1/2	49,0	50
	INTJM4032	2"1/2	2"	-	65

MASCHIO METRICO SVASATO 24° - SERIE PESANTE INTERLOCK

INTERLOCK METRIC MALE 24° CONE - HEAVY TYPE



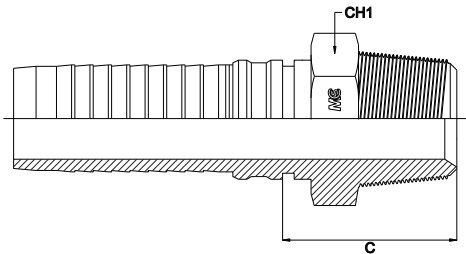
Bar W.P.	Codice Part Number	Filetto Thread	Ø Int. Tubo Inch. Hose I.D.	DIN 24°	C Cut-Off	CH1
420	INTMMH2012	30x2	3/4"	20S	32,5	30
	INTMMH2512	36x2	3/4"	25S	36,0	36
414	INTMMH2516	36x2	1"	25S	36,0	36
280	INTMMH3016	42x2	1"	30S	38,0	46
250	INTMMH3820	52x2	1" 1/4	38S	44,0	55

MASCHIO SVASATO 60° INTERLOCK

Filetto NPT

INTERLOCK MALE 60° CONE

Thread NPT



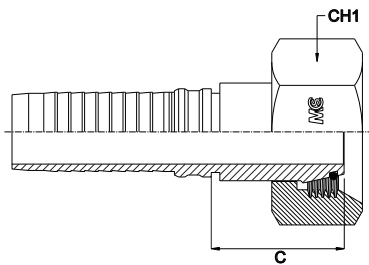
Bar W.P.	Codice Part Number	Filetto Thread	Ø Int. Tubo Inch. Hose I.D.	C Cut - Off	CH1
420	INTNPTM1212	3/4"	3/4"	34,5	27
	INTNPTM1616	1"	1"	42,5	36
	INTNPTM2020	1" 1/4	1" 1/4	45,5	46
	INTNPTM2424	1" 1/2	1" 1/2	47,0	50
345	INTNPTM3232	2"	2"	50,5	65

FEMMINA GIREVOLE O’RING CONO 24° - SERIE PESANTE INTERLOCK

Filetto Metrico Cilindrico

INTERLOCK O’RING METRIC SWIVEL FEMALE 24° CONE - HEAVY TYPE

Thread Metric Parallel



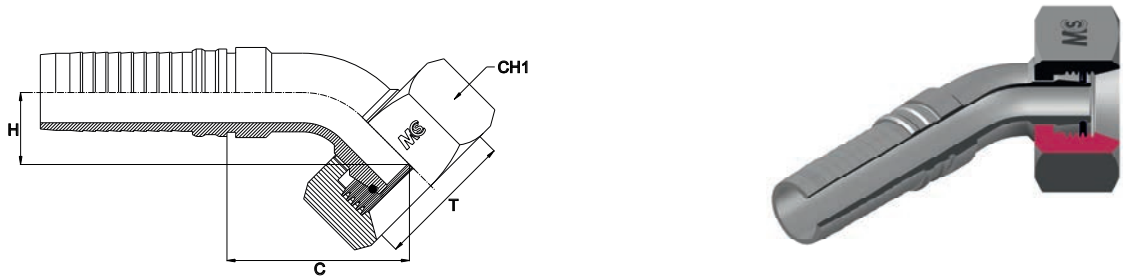
Bar W.P.	Codice Part Number	Filetto Thread	Ø Int. Tubo Inch. Hose I.D.	DIN 24°	C Cut - Off	CH1
420	INTORMSFH2012	30x2	3/4"	20S	32,0	36
	INTORMSFH2512	36x2	3/4"	25S	32,0	46
414	INTORMSFH2516	36x2	1"	25S	33,0	46
280	INTORMSFH3016	42x2	1"	30S	33,0	50
250	INTORMSFH3820	52x2	1"1/4	38S	40,0	60
	INTORMSFH3824	52x2	1"1/2	38S	40,0	60
	INTORMSFH5024	68x2	1"1/2	50S	-	80

FEMMINA GIREVOLE 45° O’RING CONO 24° - SERIE PESANTE INTERLOCK

Filetto Metrico Cilindrico

INTERLOCK 45° O’RING METRIC SWIVEL FEMALE 24° CONE - HEAVY TYPE

Thread Metric Parallel



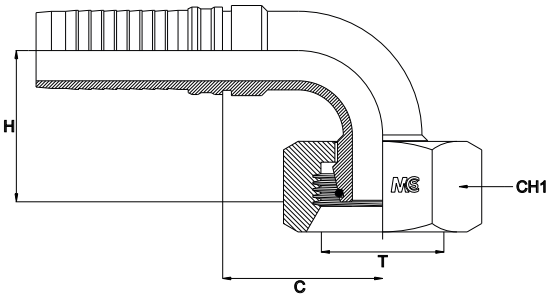
Bar W.P.	Codice Part Number	Filetto Thread	Ø Int. Tubo Inch. Hose I.D.	DIN 24°	C Cut - Off	H Drop	CH1
420	45INTORMSFH2012	30x2	3/4"	20S	85,0	29,5	36
	45INTORMSFH2512	36x2	3/4"	25S	87,0	35,0	46
414	45INTORMSFH2516	36x2	1"	25S	104,5	32,5	46
280	45INTORMSFH3016	42x2	1"	30S	108,0	35,0	50
250	45INTORMSFH3820	52x2	1" 1/4	38S	135,0	62,0	60
	45INTORMSFH3824	52x2	1" 1/2	38S	-	-	60

FEMMINA GIREVOLE 90° O’RING CONO 24° - SERIE PESANTE INTERLOCK

Filetto Metrico Cilindrico

INTERLOCK 90° O’RING METRIC SWIVEL FEMALE 24° CONE - HEAVY TYPE

Thread Metric Parallel



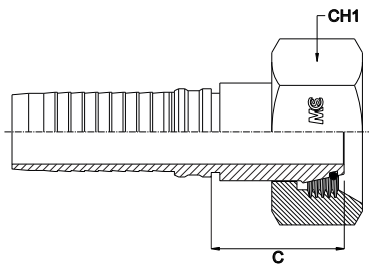
Bar W.P.	Codice Part Number	Filetto Thread	Ø Int. Tubo Inch. Hose I.D.	DIN 24°	C Cut - Off	H Drop	CH1
420	90INTORMSFH2012	30x2	3/4"	20S	50,0	64,0	36
	90INTORMSFH2512	36x2	3/4"	25S	50,5	60,5	46
414	90INTORMSFH2516	36x2	1"	25S	64,0	80,5	46
280	90INTORMSFH3016	42x2	1"	30S	64,0	77,5	50
250	90INTORMSFH3820	52x2	1" 1/4	38S	79,0	93,5	60
	90INTORMSFH3824	52x2	1" 1/2	38S	-	-	60

FEMMINA GIREVOLE O’RING CONO 24° - SERIE LEGGERA INTERLOCK

Filetto Metrico Cilindrico

INTERLOCK O’RING METRIC SWIVEL FEMALE 24° CONE - LIGHT TYPE

Thread Metric Parallel



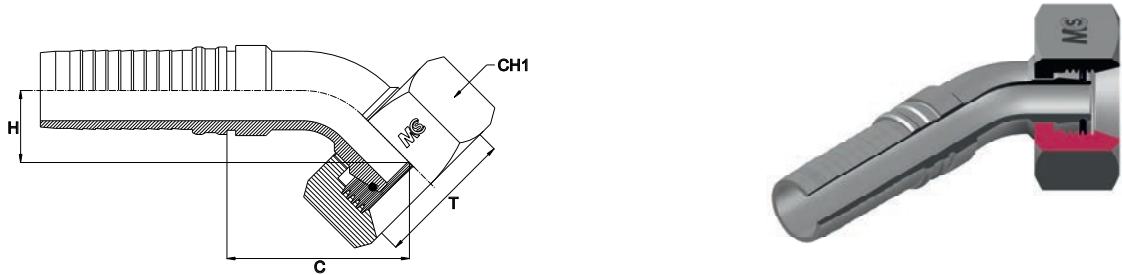
Bar W.P.	Codice Part Number	Filetto Thread	Ø Int. Tubo Inch. Hose I.D.	DIN 24°	C Cut - Off	CH1
280	INTORMSFL2212	30x2	3/4"	22L	32,5	36
185	INTORMSFL2816	36x2	1"	28L	33,0	41
165	INTORMSFL3520	45x2	1" 1/4	35L	33,0	50
130	INTORMSFL4224	52x2	1" 1/2	42L	33,0	60

FEMMINA GIREVOLE 45° O’RING CONO 24° - SERIE LEGGERA INTERLOCK

Filetto Metrico Cilindrico

INTERLOCK 45° O’RING METRIC SWIVEL FEMALE 24° CONE - LIGHT TYPE

Thread Metric Parallel



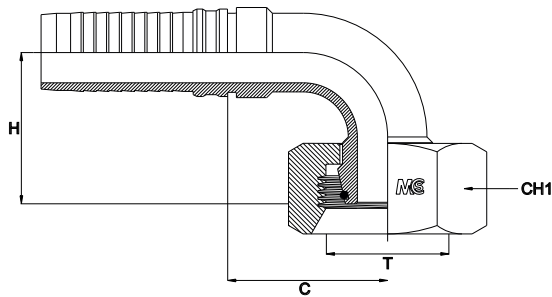
Bar W.P.	Codice Part Number	Filetto Thread	Ø Int. Tubo Inch. Hose I.D.	DIN 24°	C Cut - Off	H Drop	CH1
280	45INTORMSFL2212	30x2	3/4"	22L	-	-	36
185	45INTORMSFL2816	36x2	1"	28L	-	-	41
165	45INTORMSFL3520	45x2	1" 1/4	35L	-	-	50
130	45INTORMSFL4224	52x2	1" 1/2	42L	-	-	60

FEMMINA GIREVOLE 90° O’RING CONO 24° - SERIE LEGGERA INTERLOCK

Filetto Metrico Cilindrico

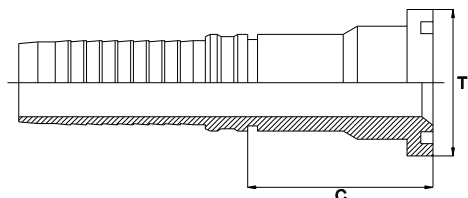
INTERLOCK 90° O’RING METRIC SWIVEL FEMALE 24° CONE - LIGHT TYPE

Thread Metric Parallel



Bar W.P.	Codice Part Number	Filetto Thread	Ø Int. Tubo Inch. Hose I.D.	DIN 24°	C Cut - Off	H Drop	CH1
280	90INTORMSFL2212	30x2	3/4"	22L	53,0	60,5	36
185	90INTORMSFL2816	36x2	1"	28L	61,0	84,5	41
165	90INTORMSFL3520	45x2	1" 1/4	35L	82,5	93,5	50
130	90INTORMSFL4224	52x2	1" 1/2	42L	104,0	111,0	60

FLANGIA SAE SERIE 3000 PSI INTERLOCK INTERLOCK SAE STRAIGHT FLANGE 3000 PSI SERIES

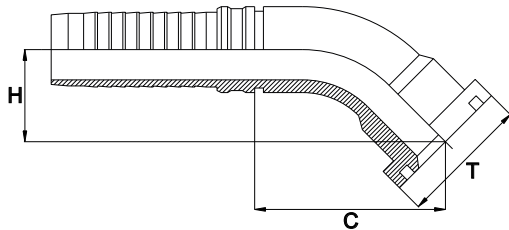


Bar W.P.	Codice Part Number	Flangia Flange	Ø Int. Tubo Inch. Hose I.D.	T	C Cut - Off
350	INTSSF30001212	3/4"	3/4"	38,1	45,0
	INTSSF30001612	1"	3/4"	44,5	-
280	INTSSF30001616	1"	1"	44,5	52,0
	INTSSF30002016	1" 1/4	1"	50,8	52,0
210	INTSSF30002020	1" 1/4	1" 1/4	50,8	53,0
	INTSSF30002420	1" 1/2	1" 1/4	60,3	60,0
185	INTSSF30002424	1" 1/2	1" 1/2	60,3	60,0
170	INTSSF30003232	2"	2"	71,4	62,0
	INTSSF30004032*	2" 1/2	2"	84,1	57,0

* Saldata

* Welded

FLANGIA 45° SAE SERIE 3000 PSI INTERLOCK
INTERLOCK 45° SAE FLANGE 3000 PSI SERIES

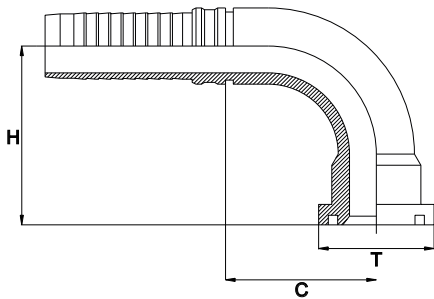


Bar W.P.	Codice Part Number	Flangia Flange	Ø Int. Tubo Inch. Hose I.D.	T	C Cut - Off	H Drop
350	45INTSF30001212	3/4"	3/4"	38,1	78,5	31,0
	45INTSF30001612	1"	3/4"	44,5	79,0	31,5
280	45INTSF30001616	1"	1"	44,5	100,0	32,0
	45INTSF30002016	1" 1/4	1"	50,8	-	-
210	45INTSF30002020	1" 1/4	1" 1/4	50,8	125,5	39,0
	45INTSF30002420	1" 1/2	1" 1/4	60,3	-	-
185	45INTSF30002424	1" 1/2	1" 1/2	60,3	168,0	46,0
	45INTSF30003224*	2"	1" 1/2	71,4	-	-
170	45INTSF30003232	2"	2"	71,4	-	-

* Saldata

* Welded

FLANGIA 90° SAE SERIE 3000 PSI INTERLOCK
INTERLOCK 90° SAE FLANGE 3000 PSI SERIES

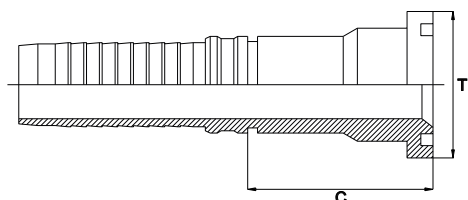


Bar W.P.	Codice Part Number	Flangia Flange	Ø Int. Tubo Inch. Hose I.D.	T	C Cut - Off	H Drop
350	90INTSF30001212	3/4"	3/4"	38,1	48,5	61,5
	90INTSF30001612	1"	3/4"	44,5	47,5	65,0
280	90INTSF30001616	1"	1"	44,5	63,0	77,0
	90INTSF30002016	1" 1/4	1"	50,8	60,0	79,0
210	90INTSF30002020	1" 1/4	1" 1/4	50,8	78,5	99,0
	90INTSF30002420	1" 1/2	1" 1/4	60,3	74,0	105,5
185	90INTSF30002424	1" 1/2	1" 1/2	60,3	109,5	110,5
	90INTSF30003224*	2"	1" 1/2	71,4	125,5	127,0
170	90INTSF30003232	2"	2"	71,4	-	-

* Saldata

* Welded

FLANGIA SAE SERIE 6000 PSI INTERLOCK **INTERLOCK SAE STRAIGHT FLANGE 6000 PSI SERIES**

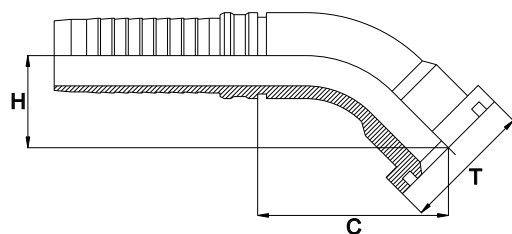


Bar W.P.	Codice Part Number	Flangia Flange	Ø Int. Tubo Inch. Hose I.D.	T	C Cut - Off
420	INTSSF60001212	3/4"	3/4"	41,3	51,0
	INTSSF60001612	1"	3/4"	47,6	56,0
415	INTSSF60001616	1"	1"	47,6	57,0
	INTSSF60002016	1" 1/4	1"	54,0	57,0
	INTSSF60002020	1" 1/4	1" 1/4	54,0	65,0
	INTSSF60002420	1" 1/2	1" 1/4	63,5	69,0
345	INTSSF60002424	1" 1/2	1" 1/2	63,5	75,0
	INTSSF60003232	2"	2"	79,4	63,0
	INTSSF60004032*	2" 1/2	2"	79,4	57,0

* Saldata

* Welded

FLANGIA 45° SAE SERIE 6000 PSI INTERLOCK **INTERLOCK 45° SAE FLANGE 6000 PSI SERIES**

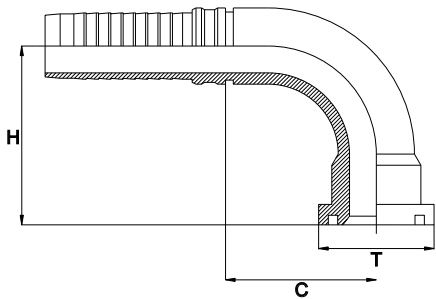


Bar W.P.	Codice Part Number	Flangia Flange	Ø Int. Tubo Inch. Hose I.D.	T	C Cut - Off	H Drop
420	45INTSF60001212	3/4"	3/4"	41,3	-	-
	45INTSF60001612	1"	3/4"	47,6	-	-
415	45INTSF60001616	1"	1"	47,6	94,2	31,8
	45INTSF60002016	1" 1/4	1"	54,0	-	-
	45INTSF60002020	1" 1/4	1" 1/4	54,0	-	-
	45INTSF60002420	1" 1/2	1" 1/4	63,5	-	-
	45INTSF60002424	1" 1/2	1" 1/2	63,5	-	-
345	45INTSF60003224*	2"	1" 1/2	79,4	-	-
	45INTSF60003232	2"	2"	79,4	-	-

* Saldata

* Welded

FLANGIA 90° SAE SERIE 6000 PSI INTERLOCK
INTERLOCK 90° SAE FLANGE 6000 PSI SERIES



Bar W.P.	Codice Part Number	Flangia Flange	Ø Int. Tubo Inch. Hose I.D.	T	C Cut - Off	H Drop
420	90INTSF60001212	3/4"	3/4"	41,3	46,5	63,0
	90INTSF60001612	1"	3/4"	47,6	52,0	61,5
415	90INTSF60001616	1"	1"	47,6	58,0	76,0
	90INTSF60002016	1" 1/4	1"	54,0	57,0	83,0
	90INTSF60002020	1" 1/4	1" 1/4	54,0	84,5	95,5
	90INTSF60002420	1" 1/2	1" 1/4	63,5	-	-
	90INTSF60002424	1" 1/2	1" 1/2	63,5	108,0	118,0
345	90INTSF60003224*	2"	1" 1/2	79,4	-	-
	90INTSF60003232	2"	2"	79,4	125,0	130,0

* Saldata

* Welded