

SCREW HOSE COUPLINGS



MALE THREADED WITH SMOOTH HOSE SHANK

ND	Inch	For hose mm	Thread	Material	SW min. size mm	Weight pc/kg	Reference
15	1/2"	13	G 1/2	Brass	22	0.07	RM013
20	3/4"	19	G 3/4	Brass	27	0.10	RM019
25	1"	25	G 1	Brass	36	0.15	RM025
32	1.1/4"	32	G 1.1/4	Brass	46	0.26	RM032
40	1.1/2"	38	G 1.1/2	Brass	55	0.35	RM038
50	2"	50	G 2	Brass	65	0.46	RM050
65	2.1/2"	63	G 2.1/2	Brass	85	0.72	RM063
65	2.1/2"	65	G 2.1/2	Brass	85	0.72	RM065*
80	3"	75	G 3	Brass	100	0.91	RM075
80	3"	80	G 3	Brass	100	1.30	RM080*
100	4"	100	G 4	Brass	125	1.93	RM100
15	1/2"	13	G 3/4	Brass	27	0.10	RM013019
20	3/4"	19	G 1	Brass	36	0.14	RM019025
25	1"	25	G 1.1/4	Brass	46	0.27	RM025032
32	1.1/4"	32	G 1.1/2	Brass	55	0.28	RM032038
40	1.1/2"	38	G 2	Brass	65	0.35	RM038050
50	2"	50	G 2.1/2	Brass	85	0.56	RM050063
65	2.1/2"	63	G 3	Brass	100	0.78	RM063075
15	1/2"	13	NPT 1/2	Brass	22	0.07	RM013N
20	3/4"	19	NPT 3/4	Brass	27	0.10	RM019N
25	1"	25	NPT 1	Brass	36	0.20	RM025N
32	1.1/4"	32	NPT 1.1/4	Brass	46	0.30	RM032N
40	1.1/2"	38	NPT 1.1/2	Brass	55	0.44	RM038N
50	2"	50	NPT 2	Brass	65	0.78	RM050N
65	2.1/2"	63	NPT 2.1/2	Brass	85	1.10	RM063N
65	2.1/2"	65	NPT 2.1/2	Brass	85	1.10	RM065N*
80	3"	75	NPT 3	Brass	100	1.50	RM075N
80	3"	80	NPT 3	Brass	100	1.50	RM080N*
100	4"	100	NPT 4	Brass	125	3.15	RM100N
15	1/2"	13	G 1/2	SS	22	0.07	RRM013
20	3/4"	19	G 3/4	SS	27	0.10	RRM019
25	1"	25	G 1	SS	36	0.15	RRM025
32	1.1/4"	32	G 1.1/4	SS	46	0.21	RRM032
40	1.1/2"	38	G 1.1/2	SS	55	0.29	RRM038
50	2"	50	G 2	SS	65	0.43	RRM050
65	2.1/2"	63	G 2.1/2	SS	85	0.69	RRM063
65	2.1/2"	65	G 2.1/2	SS	85	0.69	RRM065*
80	3"	75	G 3	SS	100	0.91	RRM075
80	3"	80	G 3	SS	100	1.10	RRM080*
100	4"	100	G 4	SS	125	1.76	RRM100
15	1/2"	13	NPT 1/2	SS	22	0.08	RRM013N
20	3/4"	19	NPT 3/4	SS	27	0.11	RRM019N
25	1"	25	NPT 1	SS	36	0.18	RRM025N
32	1.1/4"	32	NPT 1.1/4	SS	46	0.25	RRM032N
40	1.1/2"	38	NPT 1.1/2	SS	55	0.37	RRM038N
50	2"	50	NPT 2	SS	65	0.48	RRM050N
65	2.1/2"	63	NPT 2.1/2	SS	85	0.73	RRM063N
65	2.1/2"	65	NPT 2.1/2	SS	85	0.73	RRM065N*
80	3"	75	NPT 3	SS	100	1.01	RRM075N
80	3"	80	NPT 3	SS	100	1.01	RRM080N*
100	4"	100	NPT 4	SS	125	1.84	RRM100N



Coupling standard: EN 14420-5 / DIN 2817

Hose shank standard: EN 14420-2 / DIN 2817

Male thread: EN ISO 228-1, BSP; Flat sealing; ANSI B1.20.1, NPT

Assembly: RK and RKP safety clamps EN 14420-3 / DIN 2817, FLEXOLINE® safety clamps

SS = Stainless steel AISI 316 - 1.4401

Type of hexagon or octagon nut is subject to change without prior notice

* available on request

FEMALE THREADED WITH SMOOTH HOSE SHANK

ND	Inch	For hose mm	Thread EN ISO 228-1	Thread seal	Material	SW min. size mm	Weight pc/kg	Reference
15	1/2"	13	G 1/2	PU	Brass	24	0.06	RV013
20	3/4"	19	G 3/4	PU	Brass	30	0.10	RV019
25	1"	25	G 1	PU	Brass	36	0.13	RV025
32	1.1/4"	32	G 1.1/4	PU	Brass	46	0.20	RV032
40	1.1/2"	38	G 1.1/2	PU	Brass	55	0.38	RV038
50	2"	50	G 2	PU	Brass	65	0.42	RV050
65	2.1/2"	63	G 2.1/2	PU	Brass	85	0.68	RV063
65	2.1/2"	65	G 2.1/2	PU	Brass	85	0.68	RV065*
80	3"	75	G 3	PU	Brass	100	0.98	RV075
80	3"	80	G 3	PU	Brass	100	0.98	RV080*
100	4"	100	G 4	PU	Brass	125	3.60	RV100

15	1/2"	13	G 3/4	PU	Brass	30	0.07	RV013019
20	3/4"	19	G 1	PU	Brass	36	0.12	RV019025
25	1"	25	G 1.1/4	PU	Brass	46	0.19	RV025032
32	1.1/4"	32	G 1.1/2	PU	Brass	55	0.30	RV032038
38	1.1/2"	38	G 2	PU	Brass	65	0.40	RV038050
50	2"	50	G 2.1/2	PU	Brass	85	0.75	RV050063
63	2.1/2"	63	G 3	PU	Brass	100	1.04	RV063075

15	1/2"	13	G 1/2	PTFE	SS	24	0.10	RRV013
20	3/4"	19	G 3/4	PTFE	SS	30	0.15	RRV019
25	1"	25	G 1	PTFE	SS	36	0.16	RRV025
32	1.1/4"	32	G 1.1/4	PTFE	SS	46	0.18	RRV032
40	1.1/2"	38	G 1.1/2	PTFE	SS	55	0.29	RRV038
50	2"	50	G 2	PTFE	SS	5	0.44	RRV050
65	2.1/2"	63	G 2.1/2	PTFE	SS	85	0.75	RRV063
65	2.1/2"	65	G 2.1/2	PTFE	SS	85	0.75	RRV065*
80	3"	75	G 3	PTFE	SS	100	1.12	RRV075
80	3"	80	G 3	PTFE	SS	100	1.12	RRV080*
100	4"	100	G 4	PTFE	SS	125	3.90	RRV100

15	1/2"	13	G 3/4	PTFE	SS	30	0.14	RRV013019
20	3/4"	19	G 1	PTFE	SS	36	0.22	RRV019025
25	1"	25	G 1.1/4	PTFE	SS	46	0.38	RRV025032
32	1.1/4"	32	G 1.1/2	PTFE	SS	55	0.46	RRV032038
40	1.1/2"	38	G 2	PTFE	SS	65	0.62	RRV038050
50	2"	50	G 2.1/2	PTFE	SS	85	0.70	RRV050063
65	2.1/2"	63	G 3	PTFE	SS	100	0.85	RRV063075



Coupling standard: EN 14420-5 / DIN 2817

Hose shank standard: EN 14420-2 / DIN 2817

Female thread: EN ISO 228-1, BSP

Assembly: RK and RKP safety clamps EN 14420-3 / DIN 2817, FLEXOLINE® safety clamps

SS = Stainless steel AISI 316 - 1.4401

Type of screw nut is subject to change without prior notice

* available on request

SCREW HOSE COUPLINGS



MALE THREADED WITH SERRATED HOSE SHANK

ND	Inch	For hose mm	Thread EN ISO 228-1	Material	SW min. size mm	Weight pc/kg	Reference
15	1/2"	13	G 1/2	Brass	22	0.08	1R013
20	3/4"	19	G 3/4	Brass	27	0.11	1R019
25	1"	25	G 1	Brass	36	0.15	1R025
32	1.1/4"	32	G 1.1/4	Brass	46	0.26	1R032
40	1.1/2"	38	G 1.1/2	Brass	55	0.27	1R038
50	2"	50	G 2	Brass	65	0.50	1R050
65	2.1/2"	63	G 2.1/2	Brass	85	0.92	1R065
80	3"	75	G 3	Brass	100	1.00	1R075
80	3"	80	G 3	Brass	100	0.89	1R080*
100	4"	100	G 4	Brass	125	1.89	1R100
15	1/2"	13	G 3/4	Brass	27	0.12	1R013019
20	3/4"	19	G 1	Brass	36	0.17	1R019025
25	1"	25	G 1.1/4	Brass	46	0.24	1R025032
32	1.1/4"	32	G 1.1/2	Brass	55	0.36	1R032038
40	1.1/2"	38	G 2	Brass	65	0.51	1R038050
50	2"	50	G 2.1/2	Brass	85	0.75	1R050065
65	2.1/2"	63	G 3	Brass	100	0.83	1R065075
15	1/2"	13	G 1/2	SS	22	0.07	R1R013
20	3/4"	19	G 3/4	SS	27	0.10	R1R019
25	1"	25	G 1	SS	36	0.16	R1R025
32	1.1/4"	32	G 1.1/4	SS	46	0.30	R1R032
40	1.1/2"	38	G 1.1/2	SS	55	0.38	R1R038
50	2"	50	G 2	SS	65	0.54	R1R050
65	2.1/2"	63	G 2.1/2	SS	85	0.87	R1R065
80	3"	75	G 3	SS	95	0.96	R1R075
80	3"	80	G 3	SS	95	0.70	R1R080*
100	4"	100	G 4	SS	100	1.84	R1R100



Male thread EN ISO 228-1, BSP, flat sealing

Assembly: worm drive clamps

SS = Stainless steel AISI 316 - 1.4401

Type of hexagon or octagon is subject to change without prior notice

* available on request

SCREW HOSE COUPLINGS



FEMALE THREADED SWIVEL WITH SERRATED HOSE SHANK

ND	Inch	For hose mm	Thread EN ISO 228-1	Thread seal	Material	Socket wrench min. size mm	Weight kg/pc	Reference
15	1/2"	13	G 1/2	PU	Brass	24	0.05	2R013
20	3/4"	19	G 3/4	PU	Brass	30	0.07	2R019
25	1"	25	G 1	PU	Brass	36	0.09	2R025
32	1.1/4"	32	G 1.1/4	PU	Brass	46	0.16	2R032
40	1.1/2"	38	G 1.1/2	PU	Brass	55	0.20	2R038
50	2"	50	G 2	PU	Brass	65	0.31	2R050
65	2.1/2"	63	G 2.1/2	PU	Brass	85	0.55	2R065
80	3"	75	G 3	PU	Brass	100	0.54	2R075
80	3"	80	G 3	PU	Brass	100	0.61	2R080*
100	4"	100	G 4	PU	Brass	125	1.89	2R100
20	3/4"	19	G 1	PU	Brass	36	0.18	2R019025
25	1"	25	G 1.1/4	PU	Brass	46	0.32	2R025032
32	1.1/4"	32	G 1.1/2	PU	Brass	55	0.54	2R032038
40	1.1/2"	38	G 2	PU	Brass	65	0.72	2R038050
50	2"	50	G 2.1/2	PU	Brass	85	0.86	2R050065
65	2.1/2"	63	G 3	PU	Brass	100	1.13	2R065075
15	1/2"	13	G 1/2	PTFE	SS	24	0.09	R2R013
20	3/4"	19	G 3/4	PTFE	SS	30	0.10	R2R019
25	1"	25	G 1	PTFE	SS	36	0.16	R2R025
32	1.1/4"	32	G 1.1/4	PTFE	SS	46	0.20	R2R032
40	1.1/2"	38	G 1.1/2	PTFE	SS	55	0.39	R2R038
50	2"	50	G 2	PTFE	SS	65	0.44	R2R050
65	2.1/2"	63	G 2.1/2	PTFE	SS	85	0.82	R2R065
80	3"	75	G 3	PTFE	SS	100	0.94	R2R075
80	3"	80	G 3	PTFE	SS	100	0.91	R2R080*
100	4"	100	G 4	PTFE	SS	125	2.30	R2R100



Female thread EN ISO 228-1, BSP

Assembly: worm drive clamps

SS = Stainless steel AISI 316 - 1.4401

Type of screw nut is subject to change without prior notice

* available on request

MALE THREADED WITH HELICAL HOSE SHANK FOR COMPOSITE HOSE

ND	Inch	For hose mm	Thread EN ISO 228-1	Material	Weight pc/ Kg	Reference
25	1"	25	G 1	Brass	0.20	CM1R025
32	1.1/4"	32	G 1 1/4	Brass	0.38	CM1R032
40	1.1/2"	40	G 1 1/2	Brass	0.52	CM1R040
50	2"	50	G 2	Brass	0.77	CM1R050
65	2.1/2"	65	G 2 1/2	Brass	1.51	CM1R065
80	3"	80	G 3	Brass	1.82	CM1R080
100	4"	100	G 4	Brass	2.15	CM1R100
25	1"	25	G 1	SS	0.19	CR1R025
32	1.1/4"	32	G 1 1/4	SS	0.35	CR1R032
40	1.1/2"	40	G 1 1/2	SS	0.48	CR1R040
50	2"	50	G 2	SS	0.81	CR1R050
65	2.1/2"	65	G 2 1/2	SS	1.26	CR1R065
80	3"	80	G 3	SS	1.56	CR1R080
100	4"	100	G 4	SS	2.11	CR1R100



Male thread EN ISO 228-1, BSP, flat sealing

Assembly: swage ferrules for composite hoses

SS = Stainless steel AISI 316 - 1.4401

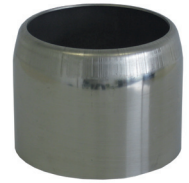
Type of hexagon or octagon nut is subject to change without prior notice

Aluminium available on request

SWAGE FERRULE FOR HELICAL HOSE SHANK AND COMPOSITE HOSE

ND	Inch	Material	Ø ID mm +/- coupling side	Ø ID mm +/- hose side	Length mm +/-	Weight/pc kg	Reference
25	1"	Stainless steel	27.7	42.0	42.0	0.09	CHR025
32	1.1/4"	Stainless steel	36.0	50.0	42.5	0.11	CHR032
40	1.1/2"	Stainless steel	45.0	57.0	60.0	0.13	CHR040
50	2"	Stainless steel	53.6	65.7	67.0	0.15	CHR050
65	2.1/2"	Stainless steel	68.1	83.0	73.0	0.24	CHR065
80	3"	Stainless steel	84.6	98.0	76.2	0.24	CHR080
100	4"	Stainless steel	107.5	124.0	107.0	0.63	CHR100
40	1.1/2"	Aluminium	45.0	57.0	60.0	0.05	CHA040
50	2"	Aluminium	53.6	65.7	67.0	0.07	CHA050
65	2.1/2"	Aluminium	68.1	83.0	73.0	0.09	CHA065
80	3"	Aluminium	84.6	98.0	76.2	0.14	CHA080

Stainless steel AISI 304 - 1.4301
Steel swage ferrules on request available



CRIMPING SEAL FOR HELICAL SHANK COUPLING

ND	Inch	Material	Colour	Ø OD +/- 2 mm	Ø ID +/- 1mm	Weight/pc kg	Reference
25	1"	NBR	Black	41.5	25.5	0.005	CXN025
32	1.1/4"	NBR	Black	48.0	32.5	0.008	CXN032
40	1.1/2"	NBR	Black	58.0	38.0	0.01	CXN040
50	2"	NBR	Black	65.5	50.0	0.02	CXN050
65	2.1/2"	NBR	Black	84	65.0	0.03	CXN065
80	3"	NBR	Black	100	80.0	0.04	CXN080
100	4"	NBR	Black	112.5	100.0	0.07	CXN100

EPDM / FPM available on request



THREAD SEAL - PTFE

ND	Inch	OD Ø mm	ID Ø mm	Height mm	Weight/pc kg	Reference
15	1/2"	20.0	13.0	1.5	0.001	X2RP013
20	3/4"	26.0	19.0	1.5	0.001	X2RP020
25	1"	33.0	24.0	2.0	0.002	X2RP025
32	1.1/4"	42.0	33.0	2.0	0.002	X2RP032
40	1.1/2"	48.0	39.0	2.0	0.003	X2RP038
50	2"	60.0	49.0	2.0	0.004	X2RP050
65	2.1/2"	76.0	63.0	2.5	0.006	X2RP065
80	3"	88.0	77.0	3.0	0.010	X2RP075
100	4"	114.0	100.0	3.0	0.015	X2RP100



Material: PTFE

Colour: White

Seal dimensions in compliance with EN 14420-5

See chapter E for more information regarding chemical resistance

THREAD SEAL - PU

ND	Inch	OD Ø mm	ID Ø mm	Height mm	Weight/pc kg	Reference
15	1/2"	20.0	13.0	1.5	0.001	X2RV013
20	3/4"	26.0	19.0	1.5	0.001	X2RV020
25	1"	33.0	24.0	2.0	0.001	X2RV025
32	1.1/4"	42.0	33.0	2.0	0.001	X2RV032
40	1.1/2"	48.0	39.0	2.0	0.001	X2RV038
50	2"	60.0	49.0	2.0	0.002	X2RV050
65	2.1/2"	76.0	63.0	2.5	0.003	X2RV065
80	3"	88.0	77.0	3.0	0.005	X2RV075
100	4"	114.0	100.0	3.0	0.008	X2RV100



Material: PU

Colour: Brown

Seal dimensions in compliance with EN 14420-5

See chapter E for more information regarding chemical resistance