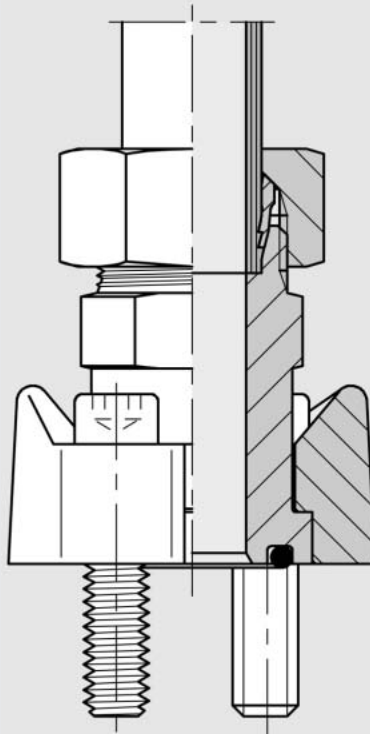




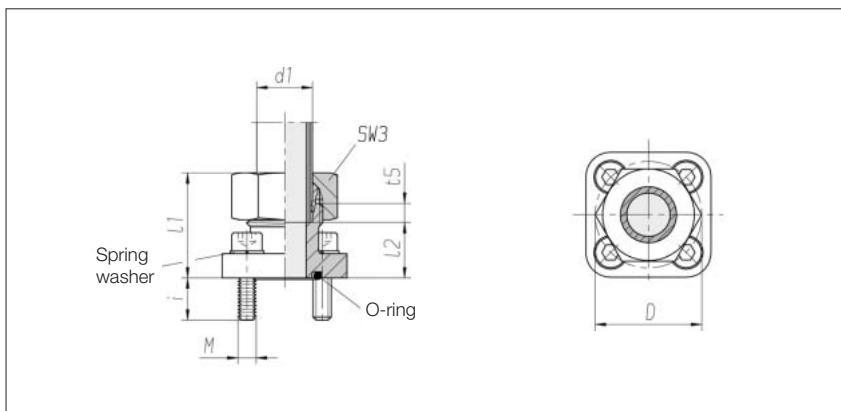
Flange couplings
with cutting-ring connection
complete



Experience plus ideas

Straight flange couplings

With cutting-ring and square flange connection



Series Tube OD d1	PB	Hole circle dia. D	SW3	I1 approx.	I2	t5	i	4 x cheese approx. head screw DIN 912-8.8	O-ring	Nm* kg/100 approx.	Order No. complete	Order No. **
L 10	315	35	19	38	23	7	12.5	M 6 x 22	20 x 2.5	10	13.4	0 1 95 36 20 81*** 0 1 95 36 20 07
L 12	315	35	22	38	23	7	12.5	M 6 x 22	20 x 2.5	10	12.7	0 1 95 37 20 81 0 1 95 37 20 07
L 15	250	35	27	38	23	7	12.5	M 6 x 22	20 x 2.5	10	13.1	0 1 95 38 20 81 0 1 95 38 20 07
L 15	100	40	27	43	28	7	12.5	M 6 x 22	26 x 2.5	10	15.8	0 1 95 39 20 81 0 1 95 39 20 07
L 18	100	40	32	44	27.5	7.5	12.5	M 6 x 22	26 x 2.5	10	16.3	0 1 95 40 20 81 0 1 95 40 20 07
L 22	100	40	36	44	27.5	7.5	12.5	M 6 x 22	26 x 2.5	10	15.6	0 1 95 41 20 81 0 1 95 41 20 07
L 28	100	40	41	51	34.5	7.5	12.5	M 6 x 22	26 x 2.5	10	19.4	0 1 95 14 20 81 0 1 95 14 20 07
L 28	100	55	41	49	32.5	7.5	11.5	M 8 x 25	32 x 2.5	25	38.4	0 1 95 90 20 81 0 1 95 90 20 07
S 16	315	35	30	40	21.5	8.5	12.5	M 6 x 22	20 x 2.5	10	12.8	0 1 95 10 20 81 0 1 95 10 20 07

* Nm = Recommended tightening
torques for cheese head screws
M 6 with friction value
 μ total 0.14

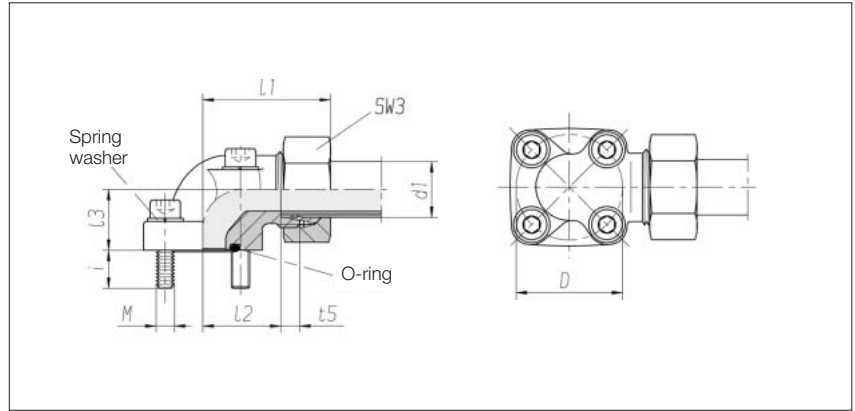
** With union nut and
2S cutting ring

*** Sample product code, see:
BFG10L/LK35



Elbow flange couplings

With cutting-ring and square flange connection



Series Tube OD d1	PB	Hole circle dia. D	SW3	I1 approx.	I2	I3	t5	i approx.	4 x cheese head screw DIN 912-8.8	O-ring	Nm*	kg/100 approx.	Order No. complete	Order No. **
L 10	315	35	19	46	31	16.5	7	12.5	2 x M 6 x 22 2 x M 6 x 35	20 x 2.5	10 10	18.6	0 1 95 42 20 81***	0 1 95 42 20 07
L 12	315	35	22	46	31	16.5	7	12.5	2 x M 6 x 22 2 x M 6 x 35	20 x 2.5	10 10	16.8	0 1 95 62 20 81	0 1 95 62 20 07
L 15	250	35	27	46	31	16.5	7	12.5	2 x M 6 x 22 2 x M 6 x 35	20 x 2.5	10 10	17.8	0 1 95 63 20 81	0 1 95 63 20 07
L 15	100	40	27	46	31	22.5	7	12.5	4 x M 6 x 22	26 x 2.5	10	20.4	0 1 95 64 20 81	0 1 95 64 20 07
L 18	100	35	32	47	30.5	20	7.5	12.5	2 x M 6 x 22 2 x M 6 x 40	20 x 2.5	10 10	22.8	0 1 95 45 20 81	0 1 95 45 20 07
L 18	100	40	32	47	30.5	22.5	7.5	12.5	4 x M 6 x 22	26 x 2.5	10	20.6	0 1 95 43 20 81	0 1 95 43 20 07
L 22	100	40	36	47	30.5	22.5	7.5	12.5	4 x M 6 x 22	26 x 2.5	10	20.9	0 1 95 44 20 81	0 1 95 44 20 07
L 28	100	40	41	49	32.5	28	7.5	12.5	2 x M 6 x 22 2 x M 6 x 50	26 x 2.5	10 10	29.9	0 1 95 15 20 81	0 1 95 15 20 07
L 35	100	40	50	52	30.5	34	10.5	12.5	2 x M 6 x 22 2 x M 6 x 60	26 x 2.5	10 10	39.5	0 1 95 27 20 81	0 1 95 27 20 07
L 35	100	55	50	60	38.5	32	10.5	11.5	2 x M 8 x 25 2 x M 8 x 60	32 x 2.5	25 25	57.9	0 1 95 17 20 81	0 1 95 17 20 07

* Nm = Recommended tightening torques for cheese head screws M 6/8 with friction value μ total 0.14

** With union nut and 2S cutting ring

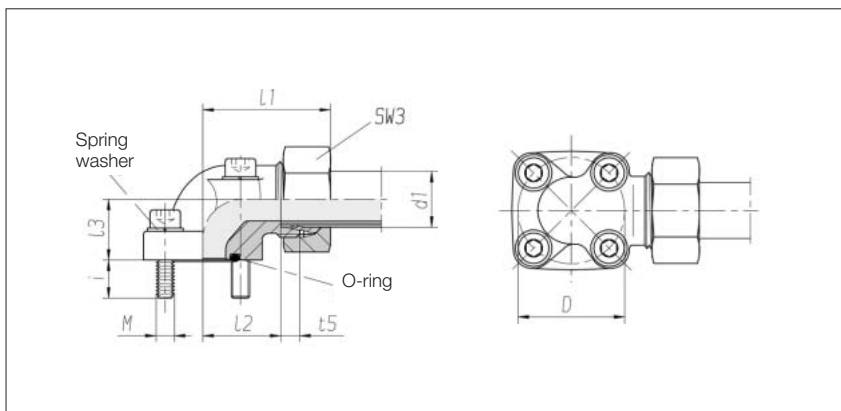
*** Sample product code, see: BFW10/LK35



LEHENGOTEK, S. A.

Elbow flange couplings

With cutting-ring and square flange connection



Series Tube OD d1	PB	Hole circle dia. D	SW3	l1 approx.	l2	l3	t5	i	4 x cheese head screw DIN 912-8.8	O-ring	Nm*	kg/100 approx.	Order No. complete	Order No. **
S 16	315	35	30	48	29.5	20	8.5	12.5	2 x M 6 x 22 2 x M 6 x 40	20 x 2.5 10	10	22.1	0 1 95 25 20 81***	0 1 95 25 20 07
S 20	315	35	36	56	34.5	25	10.5	11	2 x M 6 x 22 2 x M 6 x 45	20 x 2.5 10	10	29.1	0 1 95 11 20 81	0 1 95 11 20 07
S 20	250	55	36	56	34.5	24	10.5	11	2 x M 8 x 25 2 x M 8 x 50	32 x 1.5 25	25	52.9	0 1 95 18 20 81	0 1 95 18 20 07
S 20	250	40	36	51	29.5	22	10.5	12.5	2 x M 6 x 22 2 x M 6 x 45	26 x 2.5 10	10	25.5	0 1 95 13 20 81	0 1 95 13 20 07
S 25	250	55	46	61	37	30	12	11.5	2 x M 8 x 25 2 x M 8 x 55	32 x 1.5 25	25	61.3	0 1 95 89 20 81	0 1 95 89 20 07
S 30	250	55	50	62	35.5	32	13.5	11	2 x M 8 x 25 2 x M 8 x 50	32 x 1.5 25	25	58.4	0 1 95 24 20 81	0 1 95 24 20 07

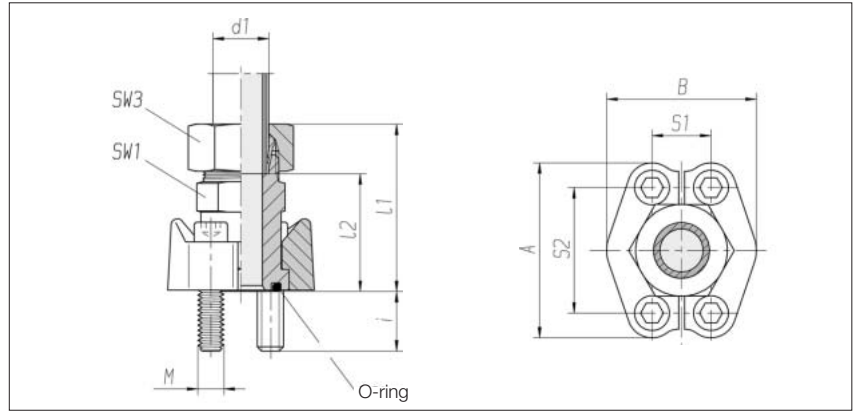
* Nm = Recommended tightening
torques for cheese head screws
M 6/8 with friction value
 μ total 0.14

** With union nut and
2S cutting ring

*** Sample product code, see:
BFW16S/LK35

Straight flange couplings

With cutting-ring connection
and divided SAE flange
Hole pattern according to
SAE J 518 C / ISO 6162
Standard series
(3000 psi)



Flange size	Series	PB	SW1	SW3	I1	I2 approx.	S1	S2	A	B	i	4 x cheese head screw DIN 912-8.8	O-ring	Nm*	Order No. complete	Order No. **
3/4"	L 18	315	30	32	62	45.5	22.2	47.6	65	52	16	M 10 x 30	25 x 3.53	50	0 3 05 00 20 81***	0 3 05 00 20 07
3/4"	L 22	160	30	36	62	45.5	22.2	47.6	65	52	16	M 10 x 30	25 x 3.53	50	0 3 05 01 20 81	0 3 05 01 20 07
1"	L 28	160	36	41	63	46.5	26.2	52.4	70	59	14	M 10 x 30	32.92 x 3.53	50	0 3 05 02 20 81	0 3 05 02 20 07
1 1/4"	L 35	160	41	50	69	47.5	30.2	58.7	79	73	24	M 12 x 40	37.7 x 3.53	85	0 3 05 03 20 81	0 3 05 03 20 07
1 1/4"	L 35	160	41	50	69	47.5	30.2	58.7	79	73	19	M 10 x 30	37.7 x 3.53	50	On request	On request
1 1/2"	L 42	160	46	60	76	53	35.7	69.9	94	83	14	M 12 x 35	47.22 x 3.53	85	0 3 05 04 20 81	0 3 05 04 20 07
3/4"	S 20	350	30	36	69	46.5	22.2	47.6	65	52	16	M 10 x 30	25 x 3.53	50	0 3 05 05 20 81	0 3 05 05 20 07
3/4"	S 25	350	30	46	69	45	22.2	47.6	65	52	16	M 10 x 30	25 x 3.53	50	0 3 05 06 20 81	0 3 05 06 20 07
1"	S 30	350	36	50	76	49.5	26.2	52.4	70	59	14	M 10 x 30	32.92 x 3.53	50	0 3 05 08 20 81	0 3 05 08 20 07
1 1/4"	S 25	280	41	46	72	48	30.2	58.7	79	73	24	M 12 x 40	37.7 x 3.53	85	0 3 05 07 20 81	0 3 05 07 20 07
1 1/4"	S 25	280	41	46	72	48	30.2	58.7	79	73	14	M 10 x 30	37.7 x 3.53	50	On request	On request
1 1/4"	S 30	280	41	50	75	48.5	30.2	58.7	79	73	24	M 12 x 40	37.7 x 3.53	85	0 3 05 09 20 81	0 3 05 09 20 07
1 1/4"	S 30	280	41	50	75	48.5	30.2	58.7	79	73	14	M 10 x 30	37.7 x 3.53	50	On request	On request
1 1/4"	S 38	280	46	60	81	50.5	30.2	58.7	79	73	24	M 12 x 40	37.7 x 3.53	85	0 3 05 10 20 81	0 3 05 10 20 07
1 1/4"	S 38	280	46	60	81	50.5	30.2	58.7	79	73	14	M 10 x 30	37.7 x 3.53	50	On request	On request
1 1/2"	S 38	210	46	60	85	54	35.7	69.9	94	83	19	M 12 x 35	47.22 x 3.53	85	0 3 05 11 20 81	0 3 05 11 20 07

* Nm = Recommended tightening torques for cheese head screws M10/12 with friction value μ total 0.14

** With union nut and 2S cutting ring

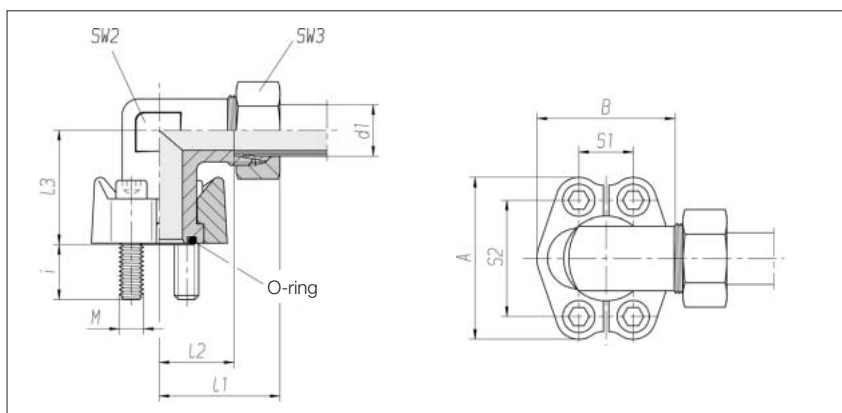
*** Sample product code, see: GFS33/18L



LEHENGOTEK, S. A.

Elbow flange couplings

With cutting-ring connection
and divided SAE flange
Hole pattern according to
SAEJ 518 C / ISO 6162
Standard series
(3000 psi)



Flange size	Series Tube OD d1	PB	SW2	SW3	I1	I2 approx.	I3	S1	S2	A	B	i	4 x cheese head screw DIN 912-8.8	O-ring	Nm*	Order No. complete	Order No. **
3/4"	L 18	315	30	32	48	31.5	42	22.2	47.6	65	52	16	M 10 x 30	25 x 3.53	50	0 3 05 12 20 81***	0 3 05 12 20 07
3/4"	L 22	160	30	36	50	33.5	42	22.2	47.6	65	52	16	M 10 x 30	25 x 3.53	50	0 3 05 13 20 81	0 3 05 13 20 07
1"	L 28	160	36	41	53	36.5	45	26.2	52.4	70	59	14	M 10 x 30	32.92 x 3.53	50	0 3 05 14 20 81	0 3 05 14 20 07
1 1/4"	L 35	160	41	50	68	46.5	50	30.2	58.7	79	73	24	M 12 x 40	37.7 x 3.53	85	0 3 05 15 20 81	0 3 05 15 20 07
1 1/4"	L 35	160	41	50	68	46.5	50	30.2	58.7	79	73	14	M 10 x 30	37.7 x 3.53	50	On request	On request
1 1/2"	L 42	160	50	60	77	56	76	35.7	69.9	94	83	19	M 12 x 35	47.22 x 3.53	85	0 3 05 16 20 81	0 3 05 16 20 07
3/4"	S 20	350	30	36	54	32.5	42	22.2	47.6	65	52	16	M 10 x 30	25 x 3.53	50	0 3 05 17 20 81	0 3 05 17 20 07
3/4"	S 25	350	30	46	57	33	42	22.2	47.6	65	52	16	M 10 x 30	25 x 3.53	50	0 3 05 18 20 81	0 3 05 18 20 07
1"	S 30	350	36	50	63	36.5	45	26.2	52.4	70	59	14	M 10 x 30	32.92 x 3.53	50	0 3 05 20 20 81	0 3 05 20 20 07
1 1/4"	S 25	280	41	46	67	43	50	30.2	58.7	79	73	24	M 12 x 40	37.7 x 3.53	85	0 3 05 19 20 81	0 3 05 19 20 07
1 1/4"	S 25	280	41	46	67	43	50	30.2	58.7	79	73	14	M 10 x 30	37.7 x 3.53	50	On request	On request
1 1/4"	S 30	280	41	50	70	43.5	50	30.2	58.7	79	73	24	M 12 x 40	37.7 x 3.53	85	0 3 05 21 20 81	0 3 05 21 20 07
1 1/4"	S 30	280	41	50	70	43.5	50	30.2	58.7	79	73	14	M 10 x 30	37.7 x 3.53	50	On request	On request
1 1/4"	S 38	280	41	60	74	43	50	30.2	58.7	79	73	24	M 12 x 40	37.7 x 3.53	85	0 3 05 22 20 81	0 3 05 22 20 07
1 1/4"	S 38	280	41	60	74	43	50	30.2	58.7	79	73	14	M 10 x 30	37.7 x 3.53	50	On request	On request
1 1/2"	S 38	210	50	60	87	56	76	35.7	69.9	94	83	19	M 12 x 35	47.22 x 3.53	85	0 3 05 23 20 81	0 3 05 23 20 07

* Nm = Recommended tightening torques for cheese head screws M10/12 with friction value μ total 0.14

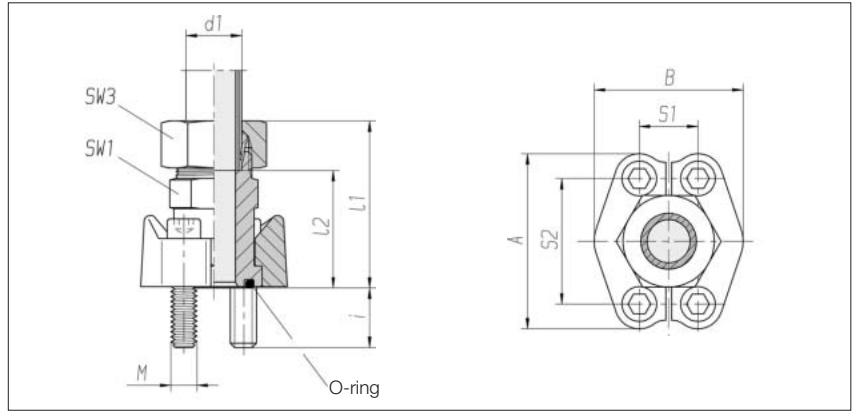
** With union nut and 2S cutting ring

*** Sample product code, see: WFS33/18L



Straight flange couplings

With cutting-ring connection
and divided SAE flange
Hole pattern according to
SAE J 518 C / ISO 6162
High-pressure series
(6000 psi)



Flange size	Series Tube OD d1	PB	SW1	SW3	I1	I2 approx.	S1	S2	A	B	i	4 x cheese head screw DIN 912-8.8	O-ring	Nm*	Order No. complete	Order No. **
3/4"	S 16	400	30	30	69	50.5	23.8	50.8	71	60	16	M 10 x 35	25 x 3.53	50	0 3 05 24 20 81***	0 3 05 24 20 07
3/4"	S 20	400	30	36	72	50.5	23.8	50.8	71	60	16	M 10 x 35	25 x 3.53	50	0 3 05 25 20 81	0 3 05 25 20 07
3/4"	S 25	400	30	46	75	51	23.8	50.8	71	60	16	M 10 x 35	25 x 3.53	50	0 3 05 26 20 81	0 3 05 26 20 07
1"	S 25	400	41	46	84	60	27.8	57.2	81	70	21	M 12 x 45	32.92 x 3.53	85	0 3 05 27 20 81	0 3 05 27 20 07
1"	S 30	400	41	50	87	60.5	27.8	57.2	81	70	21	M 12 x 45	32.92 x 3.53	85	0 3 05 28 20 81	0 3 05 28 20 07
1 1/4"	S 30	400	41	50	92	65.5	31.8	66.7	95	78	23	M 14 x 50	37.7 x 3.53	135	0 3 05 30 20 81	0 3 05 30 20 07
1 1/4"	S 38	315	46	60	98	67	31.8	66.7	95	78	23	M 14 x 50	37.7 x 3.53	135	0 3 05 32 20 81	0 3 05 32 20 07
1 1/2"	S 38	315	46	60	104	73	36.5	79.4	113	95	25	M 16 x 55	47.22 x 3.53	210	0 3 05 34 20 81	0 3 05 34 20 07

* Nm = Recommended tightening torques for cheese head screws
M10 - 16 with friction value
 μ total 0.14

** With union nut and
2S cutting ring

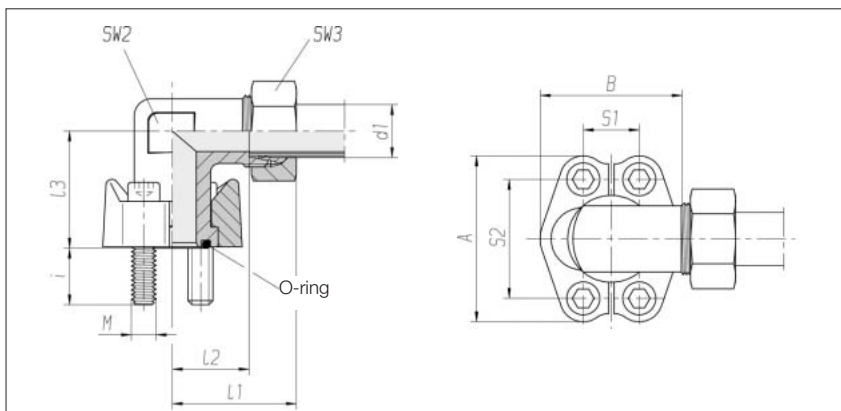
*** Sample product code, see:
GFS63/16S



LEHENGOTAK, S. A.

Elbow flange couplings

With cutting-ring connection
and divided SAE flange
Hole pattern according to
SAE J 518 C / ISO 6162
High-pressure series
(6000 psi)



Flange size	Series Tube OD d1	PB	SW2	SW3	I1	I2 approx.	I3	S1	S2	A	B	i	4 x cheese head screw DIN 912-8.8	O-ring	Nm*	Order No. complete	Order No. **
1/2"	S 16	400	24	30	48	29.5	39	18.3	40.5	56	47	14	M 8 x 30	18.66 x 3.53	25	0 3 05 35 20 81***	0 3 05 35 20 07
3/4"	S 16	400	32	30	55	36.5	48	23.8	50.8	71	60	16	M 10 x 35	25 x 3.53	50	0 3 05 36 20 81	0 3 05 36 20 07
3/4"	S 20	400	32	36	57	35.5	48	23.8	50.8	71	60	16	M 10 x 35	25 x 3.53	50	0 3 05 37 20 81	0 3 05 37 20 07
3/4"	S 25	400	32	46	60	36	48	23.8	50.8	71	60	16	M 10 x 35	25 x 3.53	50	0 3 05 38 20 81	0 3 05 38 20 07
1"	S 25	400	41	46	65	41	60	27.8	57.2	81	70	21	M 12 x 45	32.92 x 3.53	85	0 3 05 39 20 81	0 3 05 39 20 07
1"	S 30	400	41	50	68	41.5	60	27.8	57.2	81	70	21	M 12 x 45	32.92 x 3.53	85	0 3 05 40 20 81	0 3 05 40 20 07
1 1/4"	S 30	400	46	50	71	44.5	68	31.8	66.7	95	78	23	M 14 x 50	37.7 x 3.53	135	0 3 05 42 20 81	0 3 05 42 20 07
1 1/4"	S 38	315	46	60	76	45	68	31.8	66.7	95	78	23	M 14 x 50	37.7 x 3.53	135	0 3 05 44 20 81	0 3 05 44 20 07
1 1/2"	S 38	315	50	60	87	56	76	36.5	79.4	113	95	25	M 16 x 55	47.22 x 3.53	210	0 3 05 46 20 81	0 3 05 46 20 07

* Nm = Recommended tightening torques for cheese head screws
M10 - 16 with friction value
 μ total 0.14

** With union nut and
2S cutting ring

*** Sample product code, see:
WFS62/16S