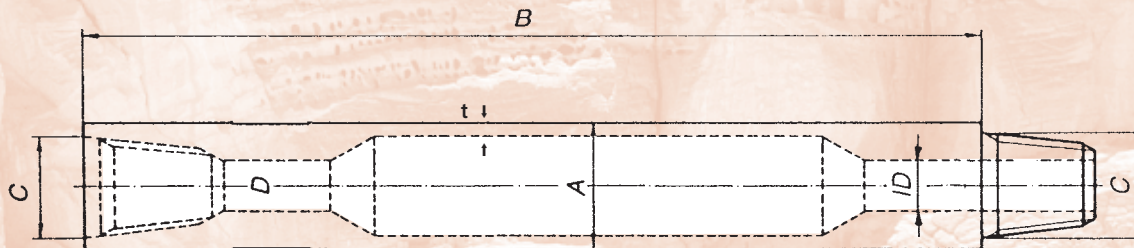


Drill Pipes – without flats

Drehbohrstangen – ohne Schlüsselflächen

Drill Pipes listed are for all types of applications.

They are to be used for rotary drilling and suitable for down the hole drilling.



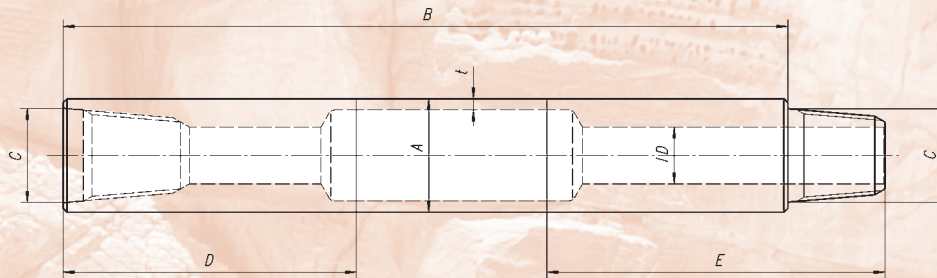
A OD mm	OD inches	t wall mm	inches	C tool joints connection	ID mm	max. machine torque (kNm)	approx. weight for 3 m lenght kg	drawing no.
51	2	8.1	0.317	W 51 (Tr 43.5x1/4")	22	2.5	27	VB 402.00.00-8
60.3	2 3/8	7.1	0.280	Gg 46	25	3.5	29	VB 821.00.00-7,1
63.5	2 1/2	6.3	0.248	W 63 (Tr 51x1/4")	25	3.7	30	VB 847.00.00-6,3
70	2 3/4	4.0	0.157	Gg 2"	38	3.2	23	VB 209.00.00-5-4
73	2 7/8	6.3	0.248	W 73 (Tr 63x1/4")	26	5.0	35	VB 753.00.00-6,3
76.1	3	8.8	0.346	Gg 2"	26	7.0	48	VB 790.00.00-8,8
76.1	3	6.3	0.248	API 2 3/8" REG	30	5.6	38	VB 180.00.00-6,3
76.1	3	8.8	0.346	Tr 66x1/4"	42	7.0	47	VB 35.00.00-8,8
76.1	3	8.8	0.346	W 73 (Tr 63x1/4")	26	7.0	45	VB 432.00.00-8,8
82.5	3 1/4	8.8	0.346	API 2 3/8" REG	28	8.5	55	VB 776.00.00-8,8
88.9	3 1/2	8.8	0.346	API 2 3/8" IF	32	10.1	60	VB 34.00.00-8,8
88.9	3 1/2	8.8	0.346	API 2 3/8" REG	30	10.1	58	VB 547.00.00-8,8
101.6	4	8.8	0.346	API 3 1/2" REG	38	13.7	65	VB 282.00.00-8,8
114.3	4 1/2	8.8	0.346	API 3 1/2" REG	38	17.8	78	VB 529.00.00-8,8
114.3	4 1/2	10	0.394	API 3 1/2" FH	70	19.6	85	VB 913.00.00-10
127	5	10	0.394	API 3 1/2" REG	38	24.9	99	VB 328.00.00-10
127	5	10	0.394	API 3 1/2" IF	60	24.9	99	VB 229.00.00-10
139.7	5 1/2	10	0.394	API 4 1/2" REG	57	30.8	115	VB 185.00.00-10
159	6 1/4	7.1	0.280	API 4 1/2" IF	95	30.8	102	VB 812.00.00-7,1

Drill Pipes – with long tool joints

Drehbohrstangen – mit langen Verbindern

Drill Pipes listed are for all types of applications.

They are to be used for rotary drilling and suitable for down the hole drilling.



A OD mm	OD inches	t wall	C tool joints connection	D tool joint length box	E tool joint length pin	flats	drawing no.
76,1	3	acc. design sheet	API 2 3/8" REG	230	265	no	VB 2200.00.00*
76,1	3	acc. design sheet	Gg2	300	320	no	VB 2210.00.00*
88,9	3 1/2	acc. design sheet	API 2 3/8" REG	230	265	no	VB 2201.00.00*
88,9	3 1/2	acc. design sheet	API 2 3/8" IF	230	265	no	VB 2211.00.00*
101,6	4	acc. design sheet	API 2 7/8" REG	230	280	no	VB 2205.00.00*
101,6	4	acc. design sheet	API 2 3/8" REG	230	265	no	VB 2215.00.00*
101,6	4	acc. design sheet	API 2 7/8" REG	250	250	no	VB 2225.00.00*
114,3	4 1/2	acc. design sheet	API 3 1/2" REG	240	285	no	VB 2206.00.00*

A OD mm	OD inches	t wall	C tool joints connection	D tool joint length box	E tool joint length box	flats pin	flats box	drawing no.
88,9	3 1/2	acc. design sheet	API 2 3/8" IF	230	265	sw 80	sw 80	VB 2211.00.00-S*
88,9	3 1/2	acc. design sheet	API 2 3/8" IF	230	265	sw 75	sw 75	VB 2212.00.00*
88,9	3 1/2	acc. design sheet	API 2 3/8" REG	230	265	sq 65	sq 65	VB 2202.00.00*

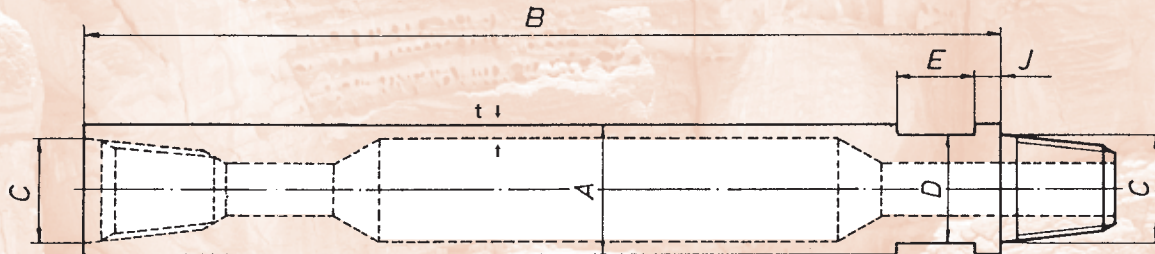
* long tool joints sw = spanner flats sq = square flats

Drill Pipes – with flats pin side

Drehbohrstangen – mit Schlüsselflächen nippelseitig

Drill Pipes listed are for all types of applications.

They are to be used for rotary drilling and suitable for down the hole drilling.



A	t	C	J	D	max.	approx.	drawing				
OD	OD	wall	tool joints	ID	length	across	machine	approx.	weight for	flats	drawing
mm	inches	inches	connection	mm	shoulder mm	flat mm	torque (kNm)	3 m length kg	kg	pin	no.
48.3	1.9	0.157	Gg 1 3/16"	14	10	41	1.4	27		sq	VB 706.00.00-4,0
51	2	0.248	Gg 1 3/16"	14	25	41	2.2	27		sq	VB 978.00.00-6,3
51	2	0.248	Tr 41 x 1/4"	15	15	41	2.2	30		sw	VB 438.00.00-6,3
60.3	2 3/8	0.280	Gg 46	25	13	50	3.5	30		sq	VB 172.00.00-7,1
60.3	2 3/8	0.280	Gg 46	32	15	50	3.5	30		sq	VB 516.00.00-7,1
60.3	2 3/8	0.280	Gg 46	25	15	50	3.5	30		sq	VB 974.00.00-7,1
68	2 11/16	0.393	Tr 52 x 1/6"	25	15	—	5.8	46		key	VB 849.00.00-10,0
70	2 3/4	0.346	Tr 54 x 1/4"	38	10	—	5.8	44		key	VB 241.00.00-8,8
76.1	3	0.346	Gg 2"	26	10	—	7.0	51		key	VB 691.00.00/S-8,8
76.1	3	0.346	API 2 3/8" REG	25	10	—	7.0	50		key	VB 904.00.00-8,8
76.1	3	0.346	REG 61 x 1/5"	24	10	—	7.0	50		key	VB 819.00.00-8,8
82.5	3 1/4	0.346	API 2 3/8" REG	25	10	—	8.5	57		key	VB 668.00.00/S-8,8
88.9	3 1/2	0.346	API 2 3/8" REG	25	10	—	10.1	64		key	VB 217.00.00-8,8
101.6	4	0.346	API 2 7/8" REG	32	10	—	13.7	77		key	VB 896.00.00-8,8
114.3	4 1/2	0.393	API 3 1/2" REG	40	20	95	19.6	85		sq	VB 635.00.00-10,0
127	5	0.393	API 3 1/2" REG	48	13	—	24.9	108		key	VB 787.00.00-10,0
139.7	5 1/2	0.433	API 4 1/2" REG	52	18	115	33.1	127		sw	VB 636.00.00-11,0
139.7	5 1/2	0.346	API 4 1/2" REG	52	10	115	27.8	105		sq	VB 178.00.00-8,8

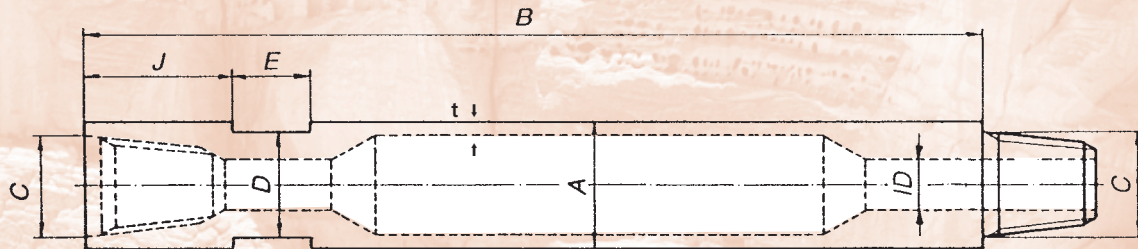
sw = spanner flats • sq = square flats • key = key flats

Drill Pipes – with flats box side

Drehbohrstangen – mit Schlüsselflächen muffenseitig

Drill Pipes listed are for all types of applications.

They are to be used for rotary drilling and suitable for down the hole drilling.



A	OD	t	C	ID	J	D	max.	approx.		drawing
mm	inches	inches	tool joints connection	mm	length shoulder mm	across flat mm	machine torque (kNm)	weight for 3 m length kg	flats	no.
42.4	1 11/16	0.248	Rd 32 x 1/8"	5	40	32	1.4	19	sq	VB 653.00.00/I-6,3
51	2	0.248	Rd 40 x 1/6"	15	52	41	2.2	23	sq	VB 345.00.00-6,3
60.3	2 3/8	0.280	Gg 46	27	60	50	3.5	30	sq	VB 984.00.00-7,1
76.1	3	0.346	REG 61 x 1/5"	20	140	–	7.0	49	key	VB 365.00.00-8,8
76.1	3	0.346	Gg 2"	32	101	50	7.0	46	sw	VB 918.00.00-8,8
80	3 1/8	0.355	API 2 3/8" REG	28	105	–	8.0	56	key	VB 194.00.00-9,0
88.9	3 1/2	0.346	API 2 3/8" IF	32	85	67	10.1	76	sw	VB 551.00.00-8,8
88.9	3 1/2	0.346	API 2 3/8" REG	35	60	65	10.1	58	sq	VB 1115.00.00
88.9	3 1/2	0.346	API 2 3/8" IF	45	100	65	10.1	56	sq	VB 1113.00.00
127	5	0.394	API 3 1/2" REG	40	90	–	24.9	118	key	VB 288.00.00-10,0
127	5	0.394	API 3 1/2" IF	60	100	95	24.9	98	sw	VB 47.00.00-10,0
139.7	5 1/2	0.433	API 4 1/2" REG	57	170	115	33.1	115	sw	VB 780.00.00-11,0
146	5 3/4	0.394	API 3 1/2" REG	40	95	127	33.9	117	sw	VB 572.00.00-10,0

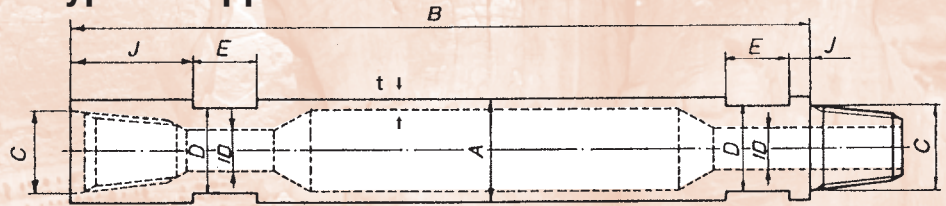
sw = spanner flats • sq = square flats • key = key flats

Drill Pipes – with flats on both sides

Drehbohrstangen – mit beidseitigen Schlüsselflächen

Drill Pipes listed are for all types of applications.

They are to be used for rotary drilling and suitable for down the hole drilling.



A	OD	t	C	J	D	max.	approx.	drawing		
OD	OD	wall	tool joints	ID	length shoulder	across	machine	weight for	drawing	
mm	inches	inches	connection	mm	box / pin mm	flat mm	torque (kNm)	3m length kg flats	no.	
51	2	0.248	Rd 40 x 1/6"	15	52/20	41	2.2	25	sq	VB 188.00.00-6,3
57	2 1/4	0.197	Rd 40 x 1/4"	22	57/12	42	2.4	22	sq	VB 576.00.00-5,0
60.3	2 3/8	0.280	Gg 46	27	68/15	50	3.5	30	sq	VB 91.00.00-7,1
60.3	2 3/8	0.280	Gg 46	25	80/20	—	3.5	32	key	VB 124.00.00-7,1
68	2 11/16	0.394	Tr 52 x 1/6"	25	62/20	56	5.8	45	sq	VB 219.00.00-10,0
68	2 11/16	0.157	Rd 45 x 5"	23	80/25	50	3.0	23	sq	VB 858.00.00-4,0
70	2 3/4	0.220	Gg 2"	38	85/10	50	4.2	29	sw	VB 209.00.00-5,6
70	2 3/4	0.220	Gg 1 3/4"	32	85/60	50	4.2	30	sq	VB 279.00.00-5,6
70	2 3/4	0.157	Rd 50 x 1/6"	30	60/10	50	4.2	25	sq	VB 875.00.00-4,0
76.1	3	0.248	API 2 3/8" REG	30	77/25	65	5.5	37	sq	VB 3000.00.00-6,3
76.1	3	0.346	REG 61 x 1/5"	50	90/10	—	7.0	50	key	VB 456.00.00-8,8
76.1	3	0.157	API 2 3/8" REG	30	108/10	50	3.9	24	sq	VB 785.00.00-4,0
76.1	3	0.220	Gg 2"	26	100/25	65	5.1	35	sq	VB 525.00.00-5,6
82.5	3 1/4	0.248	API 2 3/8" REG	28	85/15	70	6.6	40	sq	VB 829.00.00-6,3
88.9	3 1/2	0.248	API 2 3/8" REG	30	77/12	65	7.8	45	sq	VB 3001.00.00-6,3
88.9	3 1/2	0.157	API 2 3/8" REG	30	108/10	65	5.4	35	sq	VB 73.00.00-4,0
88.9	3 1/2	0.248	API 2 3/8" IF	32	95/13	70	7.8	46	sw	VB 202.00.00-6,3
88.9	3 1/2	0.248	Rd 70 x 1/4"	30	71/11	64	7.8	43	sq	VB 644.00.00-6,3
88.9	3 1/2	0.346	API 2 3/8" IF	45	100/13	65	10.1	56	sq	VB 1077.00.00
88.9	3 1/2	0.346	API 2 3/8" REG	35	60/15	65	10.1	58	sw	VB 1108.00.00
101.6	4	0.346	API 3 1/2" REG	45	108/19	76.2	13.7	73	sq	VB 266.00.00-8,8
101.6	4	0.346	API 2 7/8" REG	32	70/20	85	13.7	68	sq	VB 607.00.00-8,8
114.3	4 1/2	0.248	API 3 1/2" REG	38	89/25	95	13.6	63	sq	VB 3002.00.00-6,3
114.3	4 1/2	0.346	API 2 7/8" IF	54	100/30	100	17.8	78	sq	VB 539.00.00-8,8
114.3	4 1/2	0.346	API 3 1/2" IF	68	100/30	100	17.8	76	sq	VB 570.00.00-8,8
127	5	0.248	API 3 1/2" REG	38	95/20	110	17.1	73	sq	VB 3004.00.00-6,3
127	5	0.346	API 4" FH	71	90/15	110	22.5	97	sq	VB 312.00.00-8,8
127	5	0.346	API 3 1/2" IF	68	124/17	110	22.5	92	sq	VB 885.00.00-8,8
139.7	5 1/2	0.248	API 3 1/2" REG	45	95/20	115	21.0	84	sq	VB 3003.00.00-6,3
139.7	5 1/2	0.346	API 4 1/2" REG	57	95/20	115	27.8	102	sq	VB 3005.00.00-8,8
139.7	5 1/2	0.346	API 4" FH	71	90/14	110	27.8	107	sq	VB 382.00.00-8,8
152.4	6	0.346	API 3 1/2" IF	68	120/40	130	33.6	110	sq	VB 689.00.00-8,8
159	6 1/4	0.346	API 4 1/2" REG	57	95/25	130	36.9	131	sq	VB 285.00.00-8,8
177.8	7	0.346	API 6 5/8" REG	88	160/25	150	46.9	155	sq	VB 968.00.00-8,8
193.7	7 5/8	0.346	API 6 5/8" REG	90	127/30	152.4	56.4	178	sq	VB 937.00.00-8,8
203	8	0.394	API 6 5/8" REG	90	127/30	152.4	69.0	200	sq	VB 888.00.00-10,0
254	10		API 8 5/8" REG	120	175/30	200	160.0	380	sq	VB 362.00.00-16,0