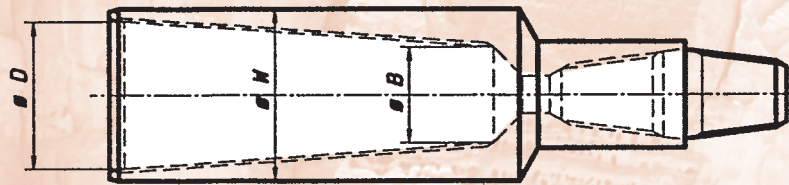


Fishing Tools

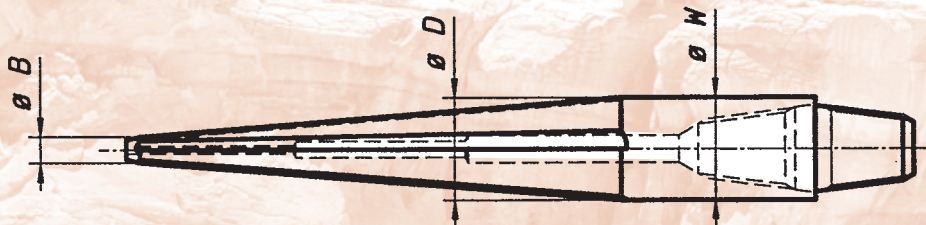
Fangwerkzeuge

Overshots with female or male thread – RH or LH (to be advised)



Size Größe	Range / Fangbereich mm	OD inch	Size Größe	Range / Fangbereich mm	OD inch
I	76.1 – 25.4	3 – 1	III c	101.6 – 50.8	4 – 2
I a	58 – 38		IV	139.7 – 88.9	5 1/2 – 3 1/2
II	88.9 – 38.1	3 1/2 – 1 1/2	VI a	127.0 – 76.1	5 – 3
II a	76.1 – 38.1	3 – 1 1/2	V	165.1 – 114.3	6 1/2 – 4 1/2
II e	50 – 77		VI	190.5 – 139.7	7 1/2 – 5 1/2
III	114.3 – 63.5	4 1/2 – 2 1/2	VII	216.0 – 165.1	8 1/2 – 6 1/2
III a	114.3 – 38.1	4 1/2 – 1 1/2	VIII	241.3 – 190.5	9 1/2 – 7 1/2
III b	101.6 – 38.1	4 – 1 1/2	IX	266.7 – 216.0	10 1/2 – 8 1/2

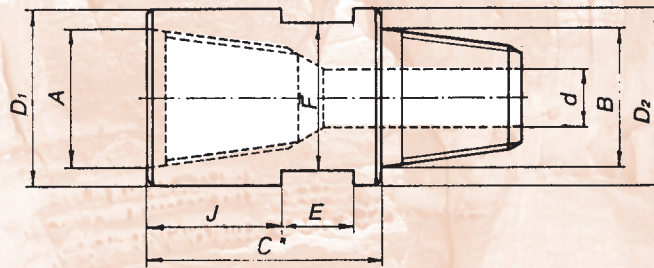
Taper Taps with female or male thread – RH or LH (to be advised)



Size Größe	Range / Fangbereich mm	OD inch	Size Größe	Range / Fangbereich mm	OD inch
I	25.4 – 88.9	1 – 3 1/2	III a	50.8 – 127	2 – 5
I a	10 – 51		III b	38.1 – 127	1 1/2 – 5
I b	12 – 60.3		IV	63.5 – 139.7	2 1/2 – 5 1/2
I c	12 – 63.5		V	88.9 – 165.1	3 1/2 – 6 1/2
I d	15 – 70		V a	101.6 – 177.8	4 – 7
I e	18 – 73		VI	114.3 – 190.5	4 1/2 – 7 1/2
I f	19 – 76.1		VII	139.7 – 216	5 1/2 – 8 1/2
I g	19 – 80		VIII	165.1 – 241.3	6 1/2 – 9 1/2
II	25.4 – 101.6	1 – 4	IX	190.5 – 266.7	7 1/2 – 10 1/2
III	38.1 – 114.3	1 1/2 – 4 1/2			

Subs Box – Pin

Übergangsstücke

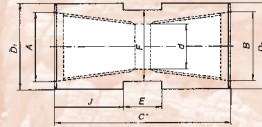


connection box up A	Pin down B	length C* inches	length shoulder J inches	width spanner flats E inches	std. bore d inches	outside diameter top D ₁ inches	outside diameter bottom D ₂ inches	across flat F inches	drawing no.
API 2 3/8 REG	API 3 1/2 REG	5 3/4	1 9/16	2	1 1/2	3 1/2	4 1/2	2 3/4	BZ 21.01.00
API 2 3/8 REG	API 2 3/8 IF	5 5/16	1 9/16	2	1 1/2	3 1/2	3 1/2	2 3/4	BZ 21.02.00
API 2 3/8 REG	API 2 7/8 REG	5 5/16	1 9/16	2	1 1/4	3 1/2	3 1/2	2 3/4	BZ 21.03.00
API 2 7/8 REG	API 2 3/8 REG	5 5/16	2 3/4	2	1 1/4	3 1/2	3 1/2	2 3/4	BZ 12.07.00
API 2 7/8 REG	API 2 7/8 IF	4 5/16	1 3/8	2	1 1/2	4 1/2	4 1/2	3 7/8	BZ 12.08.00
API 2 7/8 REG	API 3 1/2 IF	6 1/2	3 3/4	2	1 3/4	4 1/2	5 1/2	3 7/8	BZ 12.09.00
API 2 7/8 REG	API 3 1/2 REG	5 5/16	1 9/16	2	1 3/4	4 1/2	4 1/2	3 7/8	BZ 12.10.00
API 2 7/8 REG	API 4 1/2 REG	6 7/8	3 15/16	2	1 3/4	4 1/2	5 3/4	3 7/8	BZ 12.11.00
API 3 1/2 REG	API 2 7/8 REG	5 1/8	1 9/16	2	1 1/4	4 1/2	4 1/2	3 7/8	BZ 356.01.00
API 3 1/2 REG	API 2 7/8 REG	5 1/8	1 9/16	2	1 1/2	4 1/2	4 1/2	3 7/8	BZ 356.03.00
API 3 1/2 REG	API 4 1/2 FH	5 7/16	1 9/16	2	2 5/16	4 1/2	5 3/4	3 7/8	BZ 356.04.00
API 3 1/2 REG	API 3 1/2 IF	5 7/16	1 9/16	2	1 3/4	4 1/2	5 1/2	3 7/8	BZ 356.05.00
API 3 1/2 REG	API 4 1/2 REG	5 5/16	1 9/16	2	2 1/16	4 1/2	5 3/4	3 7/8	BZ 356.06.00
API 3 1/2 REG	API 6 5/8 REG	15	4 1/2	2	2 5/16	4 1/2	8	3 7/8	BZ 356.10.00
API 3 1/2 REG	API 2 3/8 IF	5 3/4	1 9/16	2	1 1/2	4 1/2	3 1/2	3 7/8	BZ 356.07.00
API 3 1/2 REG	API 3 1/2 REG	4	1 9/16	2	1 3/4	5	5	3 7/8	BZ 356.08.00
API 3 1/2 REG	API 2 3/8 REG	5 3/4	1 9/16	2	1	4 1/2	3 1/2	3 7/8	BZ 356.09.00
API NC 35	API 2 7/8 REG	5 5/16	2 1/2	2	2 1/4	4 1/2	4 1/2	2 7/8	BZ 20.01.00
API NC 35	API 2 7/8 IF	5 5/16	2 1/2	2	2 1/16	4 1/2	4 1/2	2 7/8	BZ 20.02.00
API NC 35	API 3 1/2 IF	6 1/4	3 5/8	2	2 5/16	4 1/2	5 1/2	2 7/8	BZ 20.03.00
API NC 35	AP 3 1/2 REG	5 3/4	3 3/4	2	1 3/4	4 1/2	4 1/2	2 7/8	BZ 20.04.00
API NC 35	API NC 35	6 1/2	3 3/4	2	2 5/16	4 1/2	4 1/2	2 7/8	BZ 20.05.00
API NC 35	API 4 1/2 REG	7	3 3/4	2	2 1/16	4 1/2	5 3/4	2 7/8	BZ 20.06.00
API NC 35	API 6 5/8 REG	9	4 1/2	2	2 5/16	4 1/2	8	2 7/8	BZ 20.08.00
API 4 1/2 REG	API 3 1/2 REG	6 1/4	3	2	1 3/4	5 3/4	4 1/2	4 3/4	BZ 30.01.00
API 6 5/8 REG	API NC 35	9	4 1/2	2	2 5/16	7 3/4	5 3/4	7	BZ 20.18.00
API 6 5/8 REG	API 4 1/2 REG	10	5	2	2 5/16	7 3/4	5 3/4	7	BZ 636.20.00

* Sizes obligatory. Length of sub can be altered on request.

Subs Box – Box

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connection box up A	pin down B	length C* inches	length shoulder J inches	width spanner flats E inches	std. bore d inches	outside diameter top D ₁ inches	outside diameter bottom D ₂ inches	across flat F inches	drawing no.
API 2 3/8 REG	API 2 3/8 REG	8 5/8	2 1/4	2	1 1/2	3 1/2	3 1/2	2 3/4	BZ 21.04.00
API 2 3/8 REG	API 3 1/2 REG	5 1/16	2 1/4	2	1 1/2	3 1/2	4 1/2	2 3/4	BZ 21.05.00-I
API 2 7/8 REG	API 2 3/8 REG	8 5/8	2 3/4	2	1 1/2	4 1/2	3 1/2	3 7/8	BZ 21.21.00
API 2 7/8 REG	API 2 7/8 IF	9 1/2	2 3/4	2	1 3/4	4 1/2	4 1/2	3 7/8	BZ 12.02.00
API 2 7/8 REG	API 3 1/2 REG	9 1/2	2 3/4	2	1 3/4	4 1/2	4 1/2	3 7/8	BZ 12.03.00
API 2 7/8 REG	API 3 1/2 IF	9 7/8	3	2	1 3/4	3 1/2	5 1/2	3 7/8	BZ 12.04.00
API 2 7/8 REG	API 4 1/2 REG	9 7/8	3	2	1 3/4	4 1/2	5 3/4	3 7/8	BZ 12.05.00
API 2 7/8 REG	API 4 1/2 FH	9 7/8	3	2	1 3/4	4 1/2	5 3/4	3 7/8	BZ 12.06.00
API 3 1/2 REG	API 3 1/2 REG	9 1/2	2 3/4	2	1 3/4	4 1/2	4 1/2	3 7/8	BZ 356.12.00
API 3 1/2 REG	API 3 1/2 IF	10 5/8	3 1/2	2	1 3/4	4 1/2	5 1/2	3 7/8	BZ 356.13.00
API 3 1/2 REG	API 4 1/2 REG	10 5/8	3 1/2	2	2 5/16	4 1/2	5 3/4	3 7/8	BZ 356.14.00
API 3 1/2 REG	API 4 1/2 FH	10 5/8	3 1/2	2	2 5/16	4 1/2	5 3/4	3 7/8	BZ 356.15.00
API 3 1/2 REG	API 6 5/8 REG	11 1/4	3 1/2	2	2 5/16	4 1/2	7 3/4	3 7/8	BZ 356.16.00
API NC 35	API 3 1/2 REG	9 7/8	3 1/2	2	1 3/4	4 1/2	4 1/2	3 7/8	BZ 20.10.00
API NC 35	API 3 1/2 IF	10 5/8	4	2	2 5/16	4 1/2	5 1/2	3 7/8	BZ 20.11.00
API NC 35	API 4 1/2 REG	10 5/8	4	2	2 5/16	4 1/2	5 3/4	3 7/8	BZ 20.12.00
API NC 35	API 4 1/2 FH	10 5/8	4	2	2 5/16	4 1/2	5 3/4	3 7/8	BZ 20.13.00
API NC 35	API 6 5/8 REG	11 1/2	4 1/2	2	2 5/16	4 1/2	5 3/4	3 7/8	BZ 20.14.00

* Sizes obligatory. Length of sub can be altered on request.

Subs Pin – Pin

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connection box up A	pin down B	length C** inches	length shoulder J inches	width spanner flats E inches	std. bore d inches	outside diameter top D ₁ inches	outside diameter bottom D ₂ inches	across flat F inches	drawing no.
Tr 51 x 1 1/4"-W	Tr 51 x 1/4"-W	2 3/4	3/8	1 9/16	1	2 1/2	2 1/2	2 3/16	BZ 847.08.00
Fl 36 x 1 1/4"-C	Tr 63 x 1/4"-W	2 1/4	3/8	1 9/16	7/8	1 11/16	2 7/8	2 9/16	BZ 753.13.00
Fl 41.5 x 1 1/3"-C	Tr 63 x 1/4"-W	2 1/4	3/8	1 9/16	7/8	2	2 7/8	2 9/16	BZ 753.12.00
Tr 66 x 1/4"-S	Tr 66 x 1/4"-S	14 5/8	3/4	1 3/16	1 9/16	3 1/8	3 1/8	2 9/16	BZ 35.06.00
Tr 66 x 1/4"-S	Tr 75 x 1/4"-S	9 1/2	7 1/4	1 9/16	1 9/16	3	3 1/2	2 7/8	BZ 35.01.00
API 2 3/8 IF	Tr 75 x 1/4"-S	9 1/2	7 1/2	1 3/8	1 1/4	3 1/2	3 1/2	2 7/8	BZ 34.03.00
API 2 3/8 REG	API 2 7/8 REG	6	2	2	1	3 1/2	3 1/2	2 3/4	BZ 21.06.00
API 3 1/2 REG	API 3 1/2 REG	7	2 1/2	2	1 3/4	4 1/2	4 1/2	3 7/8	BZ 356.17.00
API 3 1/2 REG	API NC 35	7	2 1/2	2	1 3/4	4 1/2	5 1/2	3 7/8	BZ 356.18.00
API 3 1/2 REG	API 3 1/2 IF	8	3	2	1 3/4	4 1/2	5 1/2	3 7/8	BZ 356.19.00
API 3 1/2 REG	API 4 1/2 REG	3 5/8	1/2	2 3/4	1 1/2	4 1/2	5 1/2	3 3/4	BZ 635.16.00
API 4 1/2 REG	API 4 1/2 REG	3 1/4	1	2	2 1/4	5 1/2	5 1/2	4 3/4	BZ 636.02.00
API 4 1/2 REG	API 6 5/8 REG	4 3/4	21/32	2	2 1/4	5 1/2	7 1/8	4 17/32	BZ 636.04.00

** Sizes obligatory. Length of sub can be altered on request.