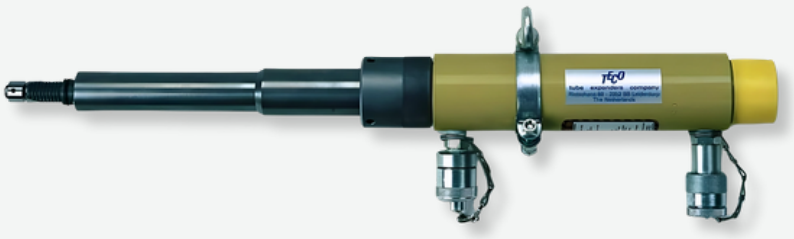
Dragcylinder för gripdorn

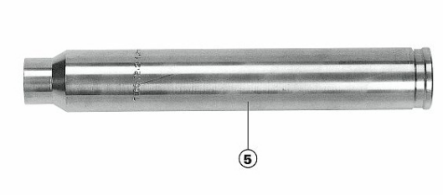
7 eller 11 tons dragkraft | Dubbelverkande | 155 mm slaglängd

För hydraulisk tubutdragning med gripdorn vid omtubning av kondensorer och liknande utrustning med tuber av icke-järnmetall. Systemet drar ut tuber och tubstumpar med en dimensionsanpassad gripenhet.



Egenskap	RD-96-155-SP-7	BRD-166-155-SP-11
Cylindertyp	Dubbelverkande	Dubbelverkande
Dragkraft vid 700 bar	7 ton	11 ton
Slaglängd	155 mm	155 mm
Cylinderns ytterdiameter	65 mm	80 mm
Längd	600 mm	630 mm
Vikt	9 kg	13 kg

Kragrör och anpassade komponenter



Kragrör



Kragehus



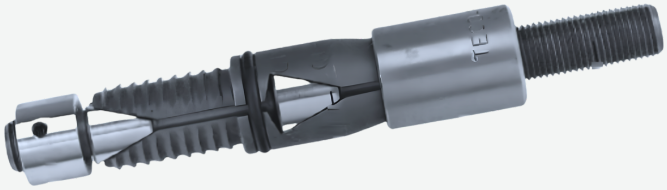
Gripdornsadapter

Tubytterdiameter, mm	Kragrör
15,875	CTTP-625
19,05	CTTP-750
22,225	CTTP-875
25,4	CTTP-1000
28,575	CTTP-1125
31,75	CTTP-1250

Kragehus: CHTP-96 för RD-96-155-SP-7; CHTP-166 för BRD-166-155-SP-11. Gripdornsadaptrar för båda modellerna: ACTP-7/16"-20, ACTP-1/2"-20 och ACTP-5/8"-20. Välj efter gripenhetens anslutning.

Gripenhet och komponentval

Gripenheten består av stoppmutter, utbytbara gripbackar, bussning och gripdorn. Systemet kompletteras med hydraulaggregat för 700 bar, slangar och snabbkopplingar för högt flöde samt hand- eller fotmanöverdon. Pumpen går endast när manöverdonet aktiveras.



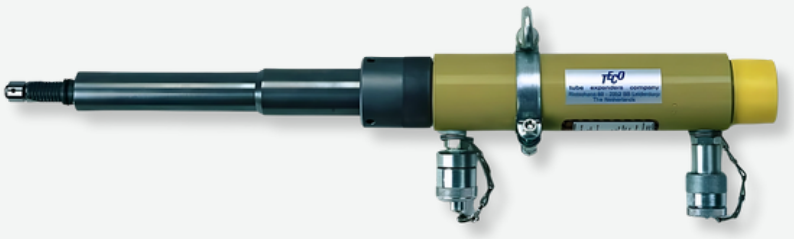
Tubytter-Ø mm	Gods gauge	Tubinner-Ø mm	Gripenhet modell	Gripbackar sats	Gripdorn	Stoppmutter	Bussning
16	15	12,22	CTP-12 mm	GCTP-12 mm	MCTP-12 mm	SCTP-11/32"-24	BCTP-7/16"20
16	16-17	12,57-12,92	CTP-12.5 mm	GCTP-12.5 mm	MCTP-12.5 mm	SCTP-11/32"-24	BCTP-7/16"20
16	18-19	13,38-13,74	CTP-13 mm	GCTP-13 mm	MCTP-13 mm	SCTP-3/8"-24	BCTP-7/16"20
16	20-22	14,10-14,45	CTP-14 mm	GCTP-14 mm	MCTP-14 mm	SCTP-3/8"-24	BCTP-7/16"20
19,05	15-16	15,39-15,75	CTP-15 mm	GCTP-15 mm	MCTP-15 mm	SCTP-7/16"-20	BCTP-7/16"20
19,05	17-19	16,10-16,90	CTP-16 mm	GCTP-16 mm	MCTP-16 mm	SCTP-7/16"-20	BCTP-7/16"20
19,05	20-22	17,27-17,63	CTP-17 mm	GCTP-17 mm	MCTP-17 mm	SCTP-7/16"-20	BCTP-7/16"-20
22,20	14-16	18,00-18,92	CTP-18 mm	GCTP-18 mm	MCTP-18 mm	SCTP-7/16"-20	BCTP-7/16"-20
22,20	17-18	19,28-19,74	CTP-19 mm	GCTP-19 mm	MCTP-19 mm	SCTP-1/2"-20	BCTP-1/2"-20
22,20	19-22	20,10-20,80	CTP-20 mm	GCTP-20 mm	MCTP-20 mm	SCTP-1/2"-20	BCTP-1/2"-20
25,40	14-15	21,18-21,74	CTP-21 mm	GCTP-21 mm	MCTP-21 mm	SCTP-1/2"-20	BCTP-1/2"-20
25,40	16-18	22,10-22,91	CTP-22 mm	GCTP-22 mm	MCTP-22 mm	SCTP-1/2"-20	BCTP-1/2"-20
25,40	19-22	23,30-23,97	CTP-23 mm	GCTP-23 mm	MCTP-23 mm	SCTP-1/2"-20	BCTP-1/2"-20
28,50	14-15	24,35-24,91	CTP-24 mm	GCTP-24 mm	MCTP-24 mm	SCTP-1/2"-20	BCTP-1/2"-20
28,50	16-17	25,20-25,63	CTP-25 mm	GCTP-25 mm	MCTP-25 mm	SCTP-1/2"-20	BCTP-1/2"-20
28,50	18-19	26,09-26,44	CTP-26 mm	GCTP-26 mm	MCTP-26 mm	SCTP-5/8"-18	BCTP-5/8"-18
31,75	14	27,53	CTP-27 mm	GCTP-27 mm	MCTP-27 mm	SCTP-5/8"-18	BCTP-5/8"-18
31,75	15-17	28,09-28,80	CTP-28 mm	GCTP-28 mm	MCTP-28 mm	SCTP-5/8"-18	BCTP-5/8"-18
31,75	18-20	29,26-29,97	CTP-29 mm	GCTP-29 mm	MCTP-29 mm	SCTP-5/8"-18	BCTP-5/8"-18
31,75	21-22	30,12-30,33	CTP-30 mm	GCTP-30 mm	MCTP-30 mm	SCTP-5/8"-18	BCTP-5/8"-18
34,93	15-16	31,27-31,63	CTP-31 mm	GCTP-31 mm	MCTP-31 mm	SCTP-5/8"-18	BCTP-5/8"-18
34,93	17-19	32,0-32,8	CTP-32 mm	GCTP-32 mm	MCTP-32 mm	SCTP-5/8"-18	BCTP-5/8"-18
34,93	20-22	33,15-33,51	CTP-33 mm	GCTP-33 mm	MCTP-33 mm	SCTP-5/8"-18	BCTP-5/8"-18
38,1	15-16	34,44-34,80	CTP-34 mm	GCTP-34 mm	MCTP-34 mm	SCTP-5/8"-18	BCTP-5/8"-18
38,1	17-19	35,15-35,97	CTP-35 mm	GCTP-35 mm	MCTP-35 mm	SCTP-5/8"-18	BCTP-5/8"-18

Alla tubmått anges i mm. Välj komplett gripenhet efter tubens ytterdiameter, innerdiameter och godstjocklek. Nominella gripstorlekar 12-35 mm; andra dimensioner finns på förfrågan. Gängbeteckningar ingår i de exakta artikelnumren.

Hydraulic gripper puller ram

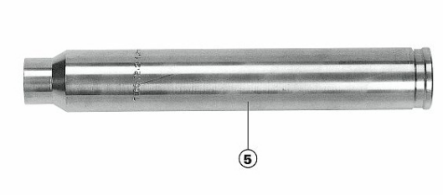
7 or 11 tonnes | Double-acting | 155 mm stroke

For hydraulic gripper-type tube pulling during re-tubing of condensers and similar equipment with non-ferrous tubes. The system removes tubes and tube stubs using a size-matched gripper assembly.



Specification	RD-96-155-SP-7	BRD-166-155-SP-11
Cylinder type	Double-acting	Double-acting
Pulling force at 700 bar	7 tonnes	11 tonnes
Stroke	155 mm	155 mm
Cylinder outside diameter	65 mm	80 mm
Length	600 mm	630 mm
Weight	9 kg	13 kg

Collar tubing and matching components



Collar tubing



Collar housing



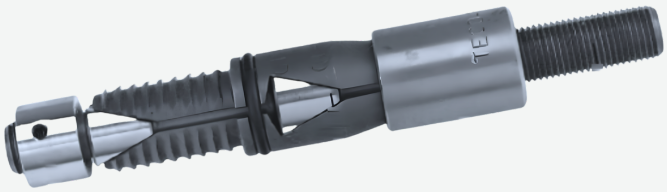
Gripper adapter

Tube OD, mm	Collar tubing
15.875	CTTP-625
19.05	CTTP-750
22.225	CTTP-875
25.4	CTTP-1000
28.575	CTTP-1125
31.75	CTTP-1250

Collar housing: CHTP-96 for RD-96-155-SP-7; CHTP-166 for BRD-166-155-SP-11. Gripper adapters for both models: ACTP-7/16"-20, ACTP-1/2"-20 and ACTP-5/8"-20. Select to suit the gripper connection.

Gripper assembly and selection

The gripper assembly consists of a stop nut, replaceable gripper shells, a bushing and a pulling mandrel. A 700 bar hydraulic pump, high-flow hoses/couplings and a hand or foot control complete the system. The pump runs only while the control is operated.



Tube OD mm	Gauge	Tube ID mm	Gripper model	Gripper shell set	Pulling mandrel	Stop nut	Bushing
16	15	12.22	CTP-12 mm	GCTP-12 mm	MCTP-12 mm	SCTP-11/32"-24	BCTP-7/16"20
16	16-17	12.57-12.92	CTP-12.5 mm	GCTP-12.5 mm	MCTP-12.5 mm	SCTP-11/32"-24	BCTP-7/16"20
16	18-19	13.38-13.74	CTP-13 mm	GCTP-13 mm	MCTP-13 mm	SCTP-3/8"-24	BCTP-7/16"20
16	20-22	14.10-14.45	CTP-14 mm	GCTP-14 mm	MCTP-14 mm	SCTP-3/8"-24	BCTP-7/16"20
19.05	15-16	15.39-15.75	CTP-15 mm	GCTP-15 mm	MCTP-15 mm	SCTP-7/16"-20	BCTP-7/16"20
19.05	17-19	16.10-16.90	CTP-16 mm	GCTP-16 mm	MCTP-16 mm	SCTP-7/16"-20	BCTP-7/16"20
19.05	20-22	17.27-17.63	CTP-17 mm	GCTP-17 mm	MCTP-17 mm	SCTP-7/16"-20	BCTP-7/16"-20
22.20	14-16	18.00-18.92	CTP-18 mm	GCTP-18 mm	MCTP-18 mm	SCTP-7/16"-20	BCTP-7/16"-20
22.20	17-18	19.28-19.74	CTP-19 mm	GCTP-19 mm	MCTP-19 mm	SCTP-1/2"-20	BCTP-1/2"-20
22.20	19-22	20.10-20.80	CTP-20 mm	GCTP-20 mm	MCTP-20 mm	SCTP-1/2"-20	BCTP-1/2"-20
25.40	14-15	21.18-21.74	CTP-21 mm	GCTP-21 mm	MCTP-21 mm	SCTP-1/2"-20	BCTP-1/2"-20
25.40	16-18	22.10-22.91	CTP-22 mm	GCTP-22 mm	MCTP-22 mm	SCTP-1/2"-20	BCTP-1/2"-20
25.40	19-22	23.30-23.97	CTP-23 mm	GCTP-23 mm	MCTP-23 mm	SCTP-1/2"-20	BCTP-1/2"-20
28.50	14-15	24.35-24.91	CTP-24 mm	GCTP-24 mm	MCTP-24 mm	SCTP-1/2"-20	BCTP-1/2"-20
28.50	16-17	25.20-25.63	CTP-25 mm	GCTP-25 mm	MCTP-25 mm	SCTP-1/2"-20	BCTP-1/2"-20
28.50	18-19	26.09-26.44	CTP-26 mm	GCTP-26 mm	MCTP-26 mm	SCTP-5/8"-18	BCTP-5/8"-18
31.75	14	27.53	CTP-27 mm	GCTP-27 mm	MCTP-27 mm	SCTP-5/8"-18	BCTP-5/8"-18
31.75	15-17	28.09-28.80	CTP-28 mm	GCTP-28 mm	MCTP-28 mm	SCTP-5/8"-18	BCTP-5/8"-18
31.75	18-20	29.26-29.97	CTP-29 mm	GCTP-29 mm	MCTP-29 mm	SCTP-5/8"-18	BCTP-5/8"-18
31.75	21-22	30.12-30.33	CTP-30 mm	GCTP-30 mm	MCTP-30 mm	SCTP-5/8"-18	BCTP-5/8"-18
34.93	15-16	31.27-31.63	CTP-31 mm	GCTP-31 mm	MCTP-31 mm	SCTP-5/8"-18	BCTP-5/8"-18
34.93	17-19	32.0-32.8	CTP-32 mm	GCTP-32 mm	MCTP-32 mm	SCTP-5/8"-18	BCTP-5/8"-18
34.93	20-22	33.15-33.51	CTP-33 mm	GCTP-33 mm	MCTP-33 mm	SCTP-5/8"-18	BCTP-5/8"-18
38.1	15-16	34.44-34.80	CTP-34 mm	GCTP-34 mm	MCTP-34 mm	SCTP-5/8"-18	BCTP-5/8"-18
38.1	17-19	35.15-35.97	CTP-35 mm	GCTP-35 mm	MCTP-35 mm	SCTP-5/8"-18	BCTP-5/8"-18

All tube dimensions are in mm. Select the complete assembly to suit tube outside diameter, inside diameter and wall thickness. Nominal gripper sizes 12-35 mm; other sizes are available on request. Thread characters form part of the exact part numbers.