

THE **RG-SERIES** IS A GENERAL PURPOSE SPRING RETURN CYLINDER DESIGNED FOR USE IN PRODUCTION, MAINTENANCE, JACKING AND FABRICATION APPLICATIONS.

All RG-Series cylinders feature a hard chrome cylinder bore and piston rod for maximum corrosion resistance. When combined with bronze overlay on the piston bearing area and low friction surface treatment on the gland nut, this cylinder is suitable for demanding applications. Cylinder body mounting threads and base mounting holes are included on most models. Optional TSX tilt saddles are available for all models from RG-102 to RG-10010.



HARDENED GROOVED LOAD CAP

to prevent piston rod damage.
Optional tilt saddles available

GLAND NUT

with low friction coating withstands
full dead end loading

HARD CHROME PLATED PISTON ROD

for maximum corrosion resistance
and cylinder life

HARD CHROME PLATED BORE

for maximum corrosion resistance
and cylinder life

BRONZE OVERLAY

on piston bearing area reduces
side load induced damage and
extends cylinder life

CYLINDER BODY MOUNTING THREADS

piston rod threads and base
mounting holes permit easy fixture

PISTON ROD WIPER

reduces contaminants

RETURN SPRINGS

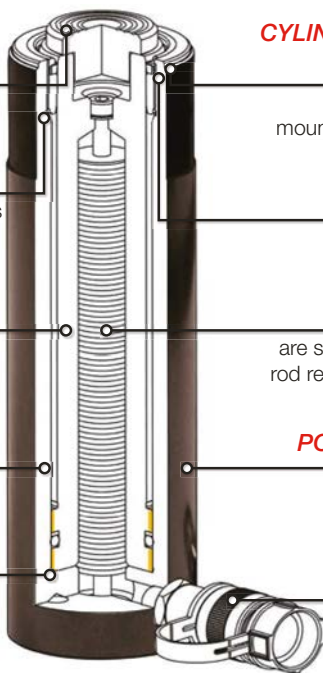
are sized to ensure efficient piston
rod return and maximum spring life

POWDER COATED FINISH

enhances appearance
and reduces corrosion

PARKER

industry standard high flow
coupling for compatibility



CAPACITY RANGE

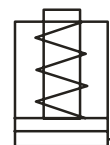
5 - 100 ton

STROKE RANGE

0.63 - 14.25 in

MAXIMUM OPERATING
PRESSURE

10,150 psi



HYDRAULIC CYLINDERS



Durapac offer a range of piston and
base attachments to suit the **RG-Series**
cylinders. Refer to Cylinder Accessories
for more details



26 POINT TANK JACKING SYSTEM

MOUNTING BLOCKS

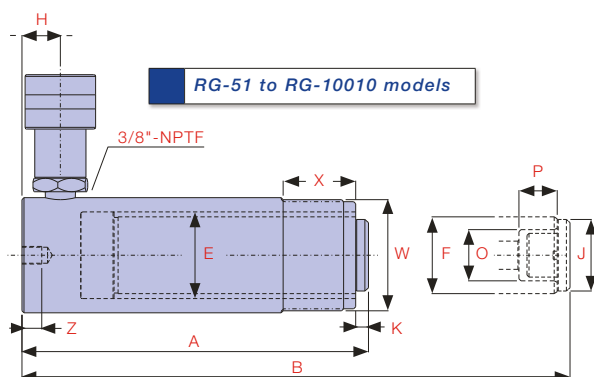
BASE AND PISTON CLEAVISES

JACKING BASES



SINGLE ACTING COLLAR THREAD CYLINDERS

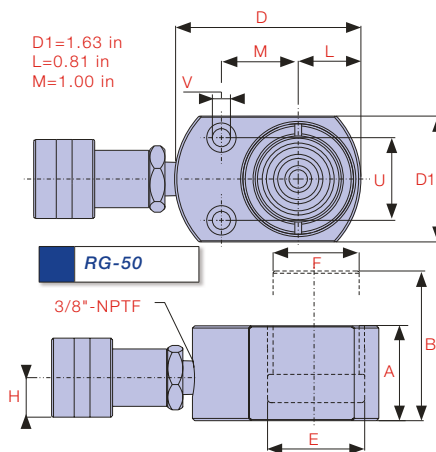
HYDRAULIC CYLINDERS



RG-51 to RG-10010 models

RG-101 only

U1=0.75 in



RG-50

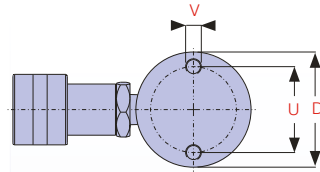
Model Number	Cylinder Capacity ton* / max.	Stroke (in)	Cylinder Effective Area (in²)	Oil Capacity (in³)	A Collapsed Height (in)	B Extended Height (in)	D Outside Diameter (in)	E Cylinder Bore Diameter (in)	F Piston Rod Diameter (in)	H Base to Advance Port (in)	J Standard Load Cap Diameter (in)	K Load Cap Protrusion from Piston Rod (in)	
RG-50	5	4.9	0.63	0.99	0.62	1.63	2.25	2.31	1.13	1.00	0.75	**	**
RG-51		4.9	1.00	0.99	0.99	4.34	5.34	1.50	1.13	1.00	0.75	1.00	0.25
RG-53		4.9	3.00	0.99	2.99	6.50	9.50	1.50	1.13	1.00	0.75	1.00	0.25
RG-55		4.9	5.00	0.99	5.00	8.50	13.50	1.50	1.13	1.00	0.75	1.00	0.25
RG-57		4.9	7.00	0.99	6.95	10.75	17.75	1.50	1.13	1.00	0.75	1.00	0.25
RG-59		4.9	9.13	0.99	9.15	12.75	21.88	1.50	1.13	1.00	0.75	1.00	0.25
RG-101	10	11.2	1.00	2.24	2.24	3.53	4.53	2.25	1.69	1.50	0.75	-	-
RG-102		11.2	2.13	2.24	4.76	4.78	6.91	2.25	1.69	1.50	0.75	1.38	0.25
RG-104		11.2	4.13	2.24	9.23	6.75	10.88	2.25	1.69	1.50	0.75	1.38	0.25
RG-106		11.2	6.13	2.24	13.70	9.75	15.88	2.25	1.69	1.50	0.75	1.38	0.25
RG-108		11.2	8.00	2.24	17.88	11.75	19.75	2.25	1.69	1.50	0.75	1.38	0.25
RG-1010		11.2	10.13	2.24	22.07	13.75	23.88	2.25	1.69	1.50	0.75	1.38	0.25
RG-1012		11.2	12.00	2.24	26.85	15.75	27.75	2.25	1.69	1.50	0.75	1.38	0.25
RG-1014		11.2	14.00	2.24	31.42	17.75	31.75	2.25	1.69	1.50	0.75	1.38	0.25
RG-151	15	15.7	1.00	3.14	3.14	4.88	5.88	2.75	2.00	1.63	0.75	1.50	0.38
RG-152		15.7	2.00	3.14	6.28	5.88	7.88	2.75	2.00	1.63	0.75	1.50	0.38
RG-154		15.7	4.00	3.14	12.57	7.88	11.88	2.75	2.00	1.63	0.75	1.50	0.38
RG-156		15.7	6.00	3.14	18.85	10.69	16.69	2.75	2.00	1.63	1.00	1.50	0.38
RG-158		15.7	8.00	3.14	25.13	12.69	20.69	2.75	2.00	1.63	1.00	1.50	0.38
RG-1510		15.7	10.00	3.14	31.42	14.69	24.69	2.75	2.00	1.63	1.00	1.50	0.38
RG-1512		15.7	12.00	3.14	37.71	16.69	28.69	2.75	2.00	1.63	1.00	1.50	0.38
RG-1514		15.7	14.00	3.14	43.99	18.69	32.69	2.75	2.00	1.63	1.00	1.50	0.38
RG-251	25	25.8	1.00	5.16	5.16	5.50	6.50	3.38	2.56	2.25	1.00	2.00	0.41
RG-252		25.8	2.00	5.16	10.32	6.50	8.50	3.38	2.56	2.25	1.00	2.00	0.41
RG-254		25.8	4.00	5.16	20.64	8.50	12.50	3.38	2.56	2.25	1.00	2.00	0.41
RG-256		25.8	6.25	5.16	31.97	10.75	17.00	3.38	2.56	2.25	1.00	2.00	0.41
RG-258		25.8	8.25	5.16	42.56	12.75	21.00	3.38	2.56	2.25	1.00	2.00	0.41
RG-2510		25.8	10.25	5.16	52.84	14.75	25.00	3.38	2.56	2.25	1.00	2.00	0.41
RG-2512		25.8	12.25	5.16	62.97	16.75	29.00	3.38	2.56	2.25	1.00	2.00	0.41
RG-2514		25.8	14.25	5.16	73.53	18.75	33.00	3.38	2.56	2.25	1.00	2.00	0.41
RG-308	30	32.6	8.25	6.52	53.57	15.25	23.50	4.00	2.88	2.25	2.24	2.00	0.41
RG-502	50	55.2	2.00	11.04	22.15	6.94	8.94	5.00	3.75	3.13	1.31	2.81	0.11
RG-504		55.2	4.00	11.04	44.18	8.94	12.94	5.00	3.75	3.13	1.31	2.81	0.11
RG-506†		55.2	6.25	11.04	69.07	11.13	17.38	5.00	3.75	3.13	1.38	2.81	0.11
RG-5013		55.2	13.25	11.04	146.45	18.13	31.38	5.00	3.75	3.13	1.38	2.81	0.11
RG-756	75	79.5	6.13	15.90	97.63	11.25	17.38	5.75	4.50	3.75	1.19	2.81	0.19
RG-7513		79.5	13.13	15.90	208.39	19.38	32.51	5.75	4.50	3.75	1.19	2.81	0.19
RG-1004	100	103.1	4.00	20.63	82.62	8.07	12.04	7.00	5.13	4.13	1.19	2.81	0.11
RG-1006		103.1	6.63	20.63	136.77	14.06	20.69	7.00	5.13	4.13	1.63	2.81	0.11
RG-1008		103.1	8.00	20.63	165.25	14.06	22.04	7.00	5.13	4.13	1.63	2.81	0.11
RG-10010		103.1	10.25	20.63	211.44	17.69	27.94	7.00	5.13	4.13	1.63	2.81	0.11

* Nominal Cylinder Capacity in ton – see max. values for actual capacity

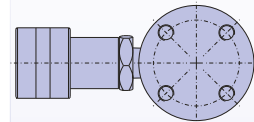
** RG-50 Cylinder has non-removable grooved load cap and no collar thread

† RG-506 cylinder will not fit into jacking base without welded handle being removed

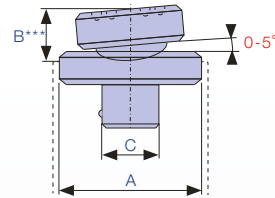
SINGLE ACTING COLLAR THREAD CYLINDERS



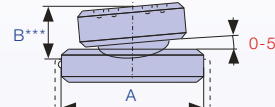
RG-51 to RG-5013 models



RG-1006 and RG-10010 models



TSX-10, 50



TSX-100

O Piston Rod Internal Thread	P Piston Rod Thread Length (in)	Base Mounting Holes			W Collar Thread	X Collar Thread Length (in)	Weight (lbs)	Optional Tilt Saddle				Model Number	Handle Type
		U Bolt Circle Diameter (in)	V Thread	Z Thread Depth (in)				Model Number	A (in)	B*** (in)	C (in)		
**	**	1.10	0.22" HOLE	-	-	-	2.20	-	-	-	-	RG-50	-
3/4"-16UNF	0.56	0.98	1/4"-20UNC	0.56	1-1/2"-16UN	1.13	2.30	-	-	-	-	RG-51	-
3/4"-16UNF	0.56	0.98	1/4"-20UNC	0.56	1-1/2"-16UN	1.13	3.30	-	-	-	-	RG-53	-
3/4"-16UNF	0.56	0.98	1/4"-20UNC	0.56	1-1/2"-16UN	1.13	4.10	-	-	-	-	RG-55	-
3/4"-16UNF	0.63	0.98	1/4"-20UNC	0.56	1-1/2"-16UN	1.13	5.30	-	-	-	-	RG-57	-
3/4"-16UNF	0.63	0.98	1/4"-20UNC	0.56	1-1/2"-16UN	1.13	6.10	-	-	-	-	RG-59	-
#10-24UNC	0.25	1.54	5/16"-18UNC	0.50	2-1/4"-14UN	1.02	4.00	-	-	-	-	RG-101	-
1"-8UNC	0.75	1.54	5/16"-18UNC	0.50	2-1/4"-14UN	1.02	5.10	TSX-10	1.38	0.79	0.87	RG-102	-
1"-8UNC	0.75	1.54	5/16"-18UNC	0.50	2-1/4"-14UN	1.02	7.20	TSX-10	1.38	0.79	0.87	RG-104	-
1"-8UNC	0.75	1.54	5/16"-18UNC	0.50	2-1/4"-14UN	1.02	9.80	TSX-10	1.38	0.79	0.87	RG-106	-
1"-8UNC	0.75	1.54	5/16"-18UNC	0.50	2-1/4"-14UN	1.02	12.00	TSX-10	1.38	0.79	0.87	RG-108	-
1"-8UNC	0.75	1.54	5/16"-18UNC	0.50	2-1/4"-14UN	1.02	14.00	TSX-10	1.38	0.79	0.87	RG-1010	-
1"-8UNC	0.75	1.54	5/16"-18UNC	0.50	2-1/4"-14UN	1.02	15.00	TSX-10	1.38	0.79	0.87	RG-1012	-
1"-8UNC	0.75	1.54	5/16"-18UNC	0.50	2-1/4"-14UN	1.02	18.00	TSX-10	1.38	0.79	0.87	RG-1014	-
1"-8UNC	1.00	1.85	3/8"-16UNC	0.50	2-3/4"-16UN	1.19	7.20	TSX-10	1.38	0.79	0.87	RG-151	-
1"-8UNC	1.00	1.85	3/8"-16UNC	0.50	2-3/4"-16UN	1.19	9.00	TSX-10	1.38	0.79	0.87	RG-152	-
1"-8UNC	1.00	1.85	3/8"-16UNC	0.50	2-3/4"-16UN	1.19	11.00	TSX-10	1.38	0.79	0.87	RG-154	-
1"-8UNC	1.00	1.85	3/8"-16UNC	0.50	2-3/4"-16UN	1.19	15.00	TSX-10	1.38	0.79	0.87	RG-156	-
1"-8UNC	1.00	1.85	3/8"-16UNC	0.50	2-3/4"-16UN	1.19	18.00	TSX-10	1.38	0.79	0.87	RG-158	-
1"-8UNC	1.00	1.85	3/8"-16UNC	0.50	2-3/4"-16UN	1.19	21.00	TSX-10	1.38	0.79	0.87	RG-1510	-
1"-8UNC	1.00	1.85	3/8"-16UNC	0.50	2-3/4"-16UN	1.19	24.00	TSX-10	1.38	0.79	0.87	RG-1512	-
1"-8UNC	1.00	1.85	3/8"-16UNC	0.50	2-3/4"-16UN	1.19	26.00	TSX-10	1.38	0.79	0.87	RG-1514	-
1-1/2"-16UN	1.00	2.28	1/2"-13UNC	0.75	3-5/16"-12UN	1.94	13.00	TSX-50	1.97	0.83	1.42	RG-251	-
1-1/2"-16UN	1.00	2.28	1/2"-13UNC	0.75	3-5/16"-12UN	1.94	14.00	TSX-50	1.97	0.83	1.42	RG-252	-
1-1/2"-16UN	1.00	2.28	1/2"-13UNC	0.75	3-5/16"-12UN	1.94	18.00	TSX-50	1.97	0.83	1.42	RG-254	-
1-1/2"-16UN	1.00	2.28	1/2"-13UNC	0.75	3-5/16"-12UN	1.94	22.00	TSX-50	1.97	0.83	1.42	RG-256	-
1-1/2"-16UN	1.00	2.28	1/2"-13UNC	0.75	3-5/16"-12UN	1.94	27.00	TSX-50	1.97	0.83	1.42	RG-258	-
1-1/2"-16UN	1.00	2.28	1/2"-13UNC	0.75	3-5/16"-12UN	1.94	31.00	TSX-50	1.97	0.83	1.42	RG-2510	-
1-1/2"-16UN	1.00	2.28	1/2"-13UNC	0.75	3-5/16"-12UN	1.94	36.00	TSX-50	1.97	0.83	1.42	RG-2512	-
1-1/2"-16UN	1.00	2.28	1/2"-13UNC	0.75	3-5/16"-12UN	1.94	39.00	TSX-50	1.97	0.83	1.42	RG-2514	-
1-1/2"-16UN	1.00	-	-	-	3-5/16"-12UN	1.94	40.00	TSX-50	1.97	0.83	1.42	RG-308	-
-	-	3.74	1/2"-13UNC	0.75	5"-12UN	2.19	33.00	TSX-100	2.80	0.98	-	RG-502	-
-	-	3.74	1/2"-13UNC	0.75	5"-12UN	2.19	42.00	TSX-100	2.80	0.98	-	RG-504	♠
-	-	3.74	1/2"-13UNC	0.75	5"-12UN	2.19	51.00	TSX-100	2.80	0.98	-	RG-506	♣
-	-	3.74	1/2"-13UNC	0.75	5"-12UN	2.19	83.00	TSX-100	2.80	0.98	-	RG-5013	♦
-	-	-	-	-	5-3/4"-12UN	1.75	65.00	TSX-100	2.80	0.98	-	RG-756	♦
-	-	-	-	-	5-3/4"-12UN	1.75	130.00	TSX-100	2.80	0.98	-	RG-7513	♦
-	-	-	-	-	6-7/8"-12UN	1.75	69.00	TSX-100	2.80	0.98	-	RG-1004	♣
-	-	5.47	3/4"-10UNC	1.00	6-7/8"-12UN	1.75	130.00	TSX-100	2.80	0.98	-	RG-1006	♦
-	-	5.47	3/4"-10UNC	1.00	6-7/8"-12UN	1.75	135.00	TSX-100	2.80	0.98	-	RG-1008	♦
-	-	5.47	3/4"-10UNC	1.00	6-7/8"-12UN	1.75	160.00	TSX-100	2.80	0.98	-	RG-10010	♦

HANDLE TYPES: ♠ WELDED ♦ EYEBOLT ♣ THREAD

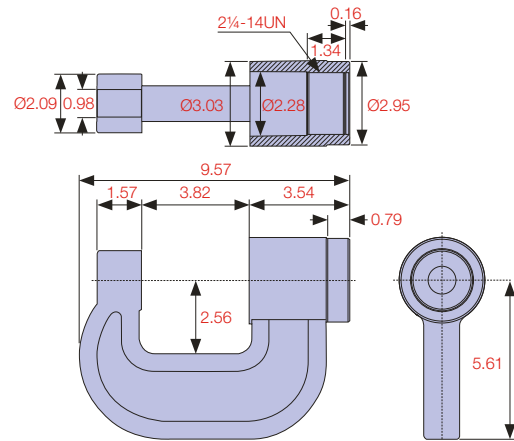
*** Total cylinder collapsed height with optional tilt load cap equals (dim. A - dim. K + dim. B)

CYLINDER ACCESSORIES



HYDRAULIC CYLINDERS

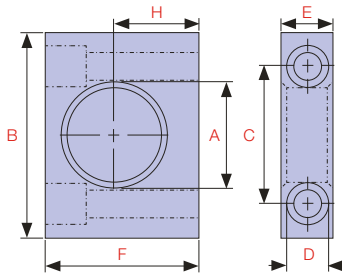
DCC-10 CLAMP



Weight: 10.6 lbs
(without cylinder)

DCC-10 CLAMP MAY BE USED WITH A RG-106 10 TON CYLINDER^

FOOT MOUNTING FOR USE WITH RETAINING NUT

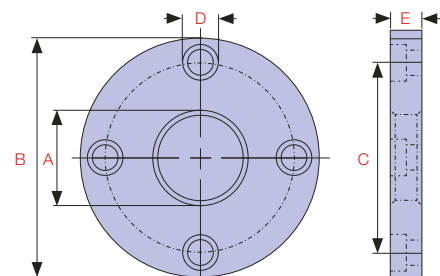


Model No.	Cylinder Capacity (ton)	Dimensions (in)							Suits Model
		A	B	C	D	E	F	H	
RAD-141	4	1.38	3.00	2.28	0.41	0.79	2.24	1.25	RDP 4 ton
RAD-171	9	2.00	4.00	3.07	0.53	0.98	3.25	1.75	RDP 9 ton
RAD-181	16	2.63	5.00	3.75	0.79	1.38	3.94	2.06	RDP 16 ton
RAD-191	25	3.25	6.25	4.63	1.04	1.77	4.92	2.50	RDP 25 ton



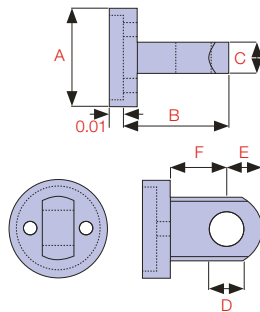
FLANGE MOUNTING FOR USE WITH RETAINING NUT

Model No.	Cylinder Capacity (ton)	Dimensions (in)					Suits Model
		A	B	C	D	E	
RAD-142	4	1.38	3.88	3.09	0.41	0.75	RDP 4 ton
RAD-172	9	2.00	4.75	3.88	0.41	1.00	RDP 9 ton
RAD-182	16	2.63	5.62	4.56	0.53	1.38	RDP 16 ton
RAD-192	25	3.25	6.50	5.34	0.66	1.75	RDP 25 ton



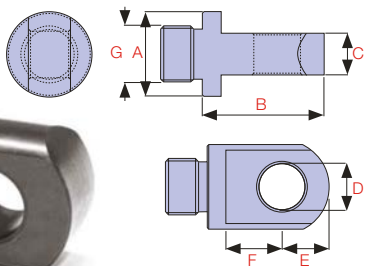
^ RG cylinder sold separately

BASE CLEVISES



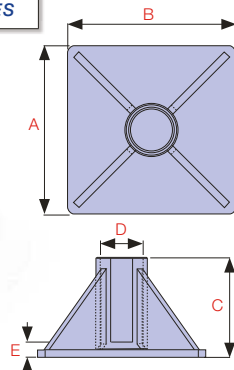
Model No.	Cylinder Capacity (ton)	Dimensions (in)						Suits Models
		A	B	C	D	E	F	
CBC-5	5	1.73	1.85	0.55	0.63	0.63	0.98	RG 5 ton
CBC-10	10	2.48	2.60	0.98	0.87	0.98	1.38	RG 10 ton
CBC-15	15	2.99	2.60	0.98	0.87	0.98	1.38	RG 15 ton
CBC-25	25	3.74	3.11	1.50	1.22	1.22	1.61	RG 25 ton

PISTON ROD CLEVISES



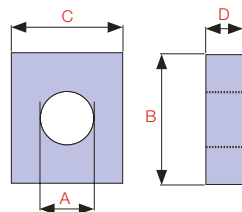
Model No.	Cylinder Capacity (ton)	Dimensions (in)							Suits Models
		A	B	C	D	E	F	G	
CPC-5	5	1.10	1.61	0.55	0.63	0.63	0.75	3/4"-16UNF	RG 5 ton
CPC-1015	10/15	1.65	2.40	0.98	0.87	0.98	1.10	1"-8UNC	RG 10/15 ton
CPC-25	25	2.24	2.91	1.50	1.22	1.22	1.38	1 1/2"-16UN	RG 25 ton

CYLINDER JACKING BASES



Model No.	Cylinder Capacity (ton)	Dimensions (in)					Suits Models
		A	B	C	D	E	
CB-10	10	8.98	8.98	5.31	2.28	0.79	RG 10 ton
CB-25	25	10.98	10.98	5.51	3.39	1.02	RG 25 ton
CB-50	50	11.81	11.81	3.94	5.12	1.61	RG 50 ton
CB-50A	50	11.81	11.81	3.94	5.04	1.61	RSLC 50 ton

MOUNTING BLOCKS



Model No.	Cylinder Capacity (ton)	Dimensions (in)				Suits Models
		A	B	C	D	
CMB-5	5	1 1/2"-16UN	3.46	2.99	0.98	RG 5 ton
CMB-10	10	2 1/4"-14UN	4.49	3.46	0.98	RG 10 ton
CMB-15	15	2 3/4"-16UN	3.98	4.49	1.50	RG 15 ton
CMB-25	25	3 5/16"-12UN	5.00	6.50	1.97	RG 25 ton

BASE ATTACHMENT

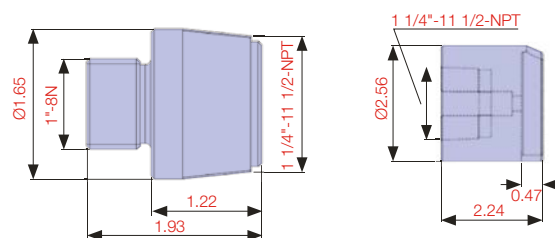


ZAM1245

THREAD ADAPTER



ZAM1246



ZAM1245 and ZAM1246 allow Durapac RG 10 ton series cylinders (excluding RG-101) to be used with CRK-10 attachments.