



Accessory Catalog

Rod End, Base, and Mounting Kits
For All Ortman Fluid Power Cylinders

Series Catalog



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2019 Edition

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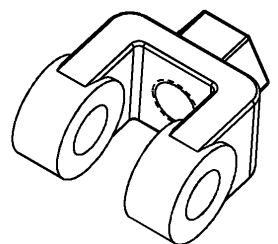
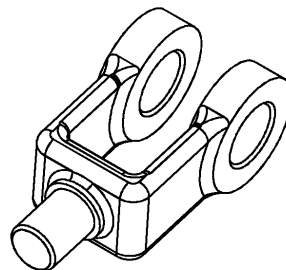
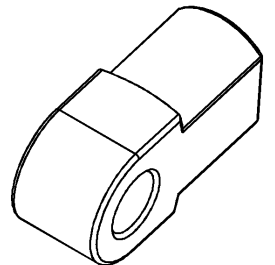
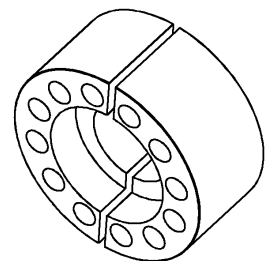
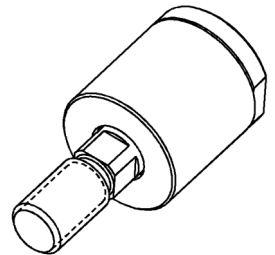
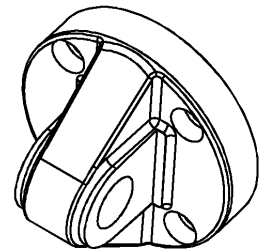


Accessories Catalog

ALL Series

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Accessory

Series

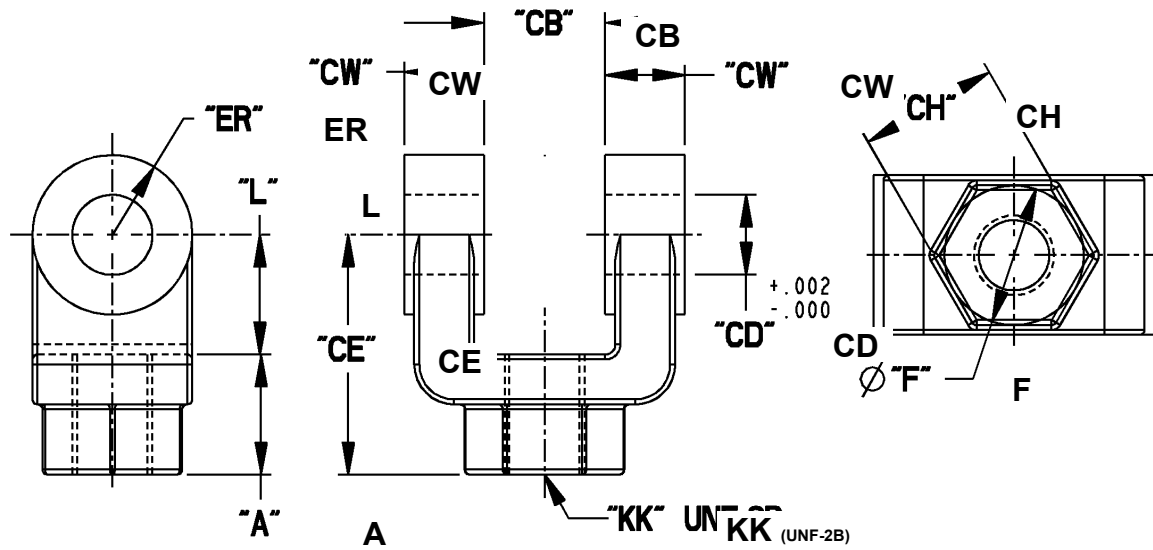
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Rod End Accessories

Rod Clevis

Forged Steel & Cast Iron

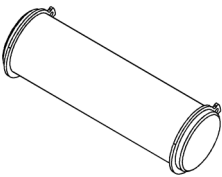
3TH Series
7K/L Series
AS/ASH Series
QA Series



Part Number	Dimensions										MAT'L
	CB	CD	CE	CH	CW	F	L	A	KK	ER	
517-05	.765	.501	1.500	1.000	.500	1.000	.750	.750	7/16-20	.500	Steel
517-07	1.265	.751	2.375	1.250	.625	1.250	1.250	1.125	3/4-16	.750	Steel
517-07-M	1.265	.751	2.125	1.375	.625	1.250	1.000	1.125	3/4-16	.750	Steel
517-10	1.515	1.001	3.125	1.500	.750	1.500	1.500	1.625	1.00-14	1.000	Steel
517-10-M	1.515	1.001	2.938	1.500	.750	1.625	1.312	1.625	1.00-14	1.000	Steel
517-13	2.032	1.376	4.125	2.000	1.000	2.000	2.125	2.000	1-1/4-12	1.375	Ductile
517-13-M	2.032	1.376	3.750	2.000	1.000	2.000	1.750	2.000	1-1/4-12	1.375	Ductile
517-17	2.531	1.751	4.500	2.375	1.250	2.375	2.250	2.250	1-1/2-12	1.750	Ductile
517-20	2.531	2.001	5.500	2.938	1.250	2.938	2.500	3.000	1-7/8-12	2.000	Ductile
517-25	3.032	2.501	6.500	3.500	1.500	3.500	3.000	3.500	2-1/4-12	2.500	Ductile
517-30	3.032	3.001	6.750	3.875	1.500	3.875	3.250	3.500	2-1/2-12	2.750	Ductile
517-30-M	3.032	3.001	6.750	3.875	1.500	3.875	3.250	3.500	2-1/2-12	3.000	Ductile
517-35	4.032	3.501	8.500	5.000	2.000	5.000	4.000	4.500	3-1/4-12	3.500	Ductile
517-35-M	4.032	3.501	7.750	5.000	2.000	5.000	4.250	3.500	3-1/4-12	3.500	Ductile
517-40	4.532	4.001	10.000	6.125	2.250	6.125	4.500	5.500	4.00-12	4.000	Ductile

Selection

When selecting a rod clevis, the two critical dimensions are the clevis thread "KK" and the pin diameter "CD". Note: The modified rod clevis are different per the clevis yoke depth "L".

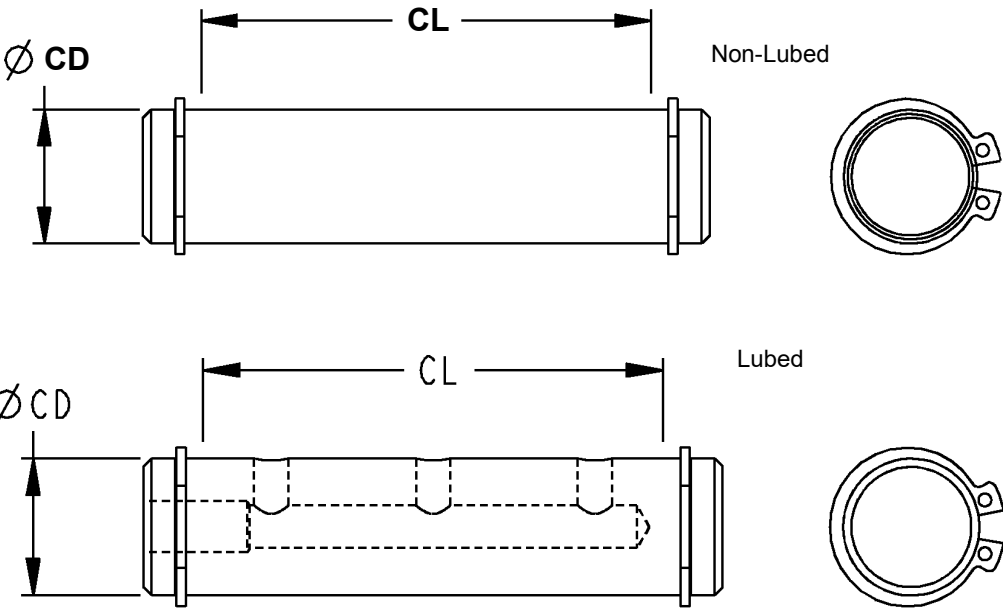


Rod End Accessories

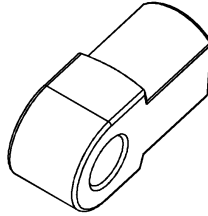
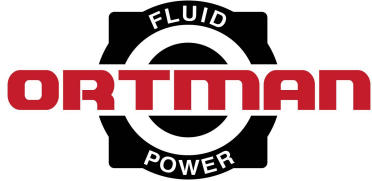
Pin Assembly Kits w/Rings

Steel

3TH Series
7K/L Series
AS/ASH Series
QA Series



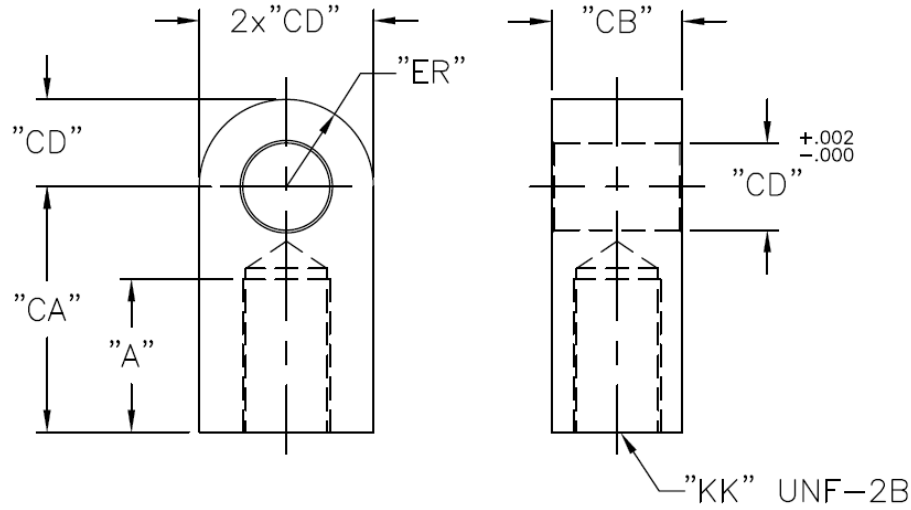
Part Number		Dimensions		
		CL	CD	MAT'L
Non-Lubed	Lubed			
KY8658-1	KY8658-11	1.750	.500	C
KY8658-2	KY8658-12	2.500	.750	C
KY8658-3	KY8658-13	3.000	1.000	C
KY8568-4	KY8568-14	4.000	1.375	C
KY8658-5	KY8658-15	5.000	1.750	C
KY8658-6	KY8658-16	5.000	2.000	C
KY8568-17	-	6.000	2.500	C
KY8568-18	-	6.000	3.000	C
KY8658-19	-	8.000	3.500	C
KY8658-20	-	9.000	4.000	C
KY8658-21	-	12.000	5.000	C



Rod End Accessories

Rod Eye Steel

3TH Series
7K/L Series
AS/ASH Series
QA Series



Part Number	Dimensions						
	A	CA	CB	CD	ER	KK	MAT'L
Y8422	.750	1.500	.750	.501	.500	.438-20	C
Y8423	1.125	2.062	1.250	.751	.750	.750-16	C
Y8424	1.625	2.812	1.500	1.001	1.000	1.000-14	C
Y8425	2.000	3.437	2.000	1.375	1.375	1.250-12	C
Y8426	2.250	4.000	2.500	1.751	1.750	1.500-12	C
Y8427	3.000	5.000	2.500	2.001	2.000	1.875-12	C
Y8428	3.500	5.812	3.000	2.501	2.500	2.250-12	C
Y8429	3.500	6.125	3.000	3.001	3.000	2.500-12	C
905-35	4.500	7.625	4.000	3.501	3.500	3.250-12	C
905-40	5.500	9.125	4.500	4.001	4.000	4.000-12	C
Y8566	7.000	11.500	6.000	5.001	5.000	5.000-12	C

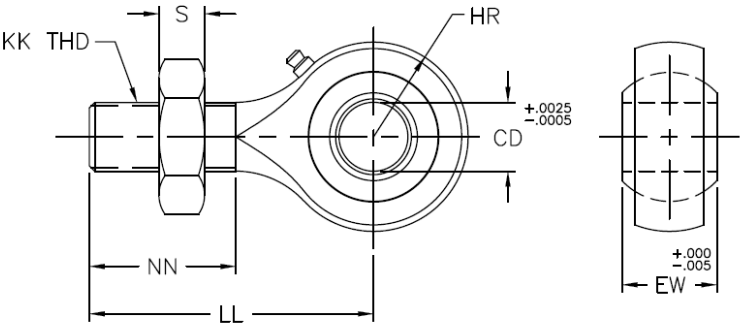
C=Steel

Selection

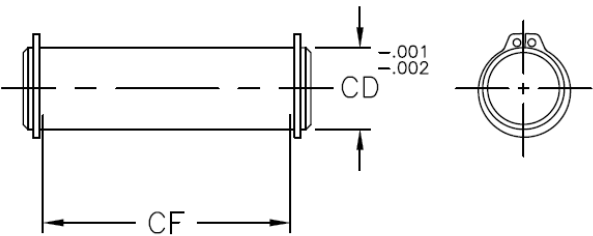
When selecting a rod clevis, the two critical dimensions are the clevis thread "KK" and the pin diameter "CD". Note: The modified rod clevis are different per the clevis yoke depth "L".



Rod End Accessories
Spherical Rod Eye
Ductile Iron
7K/L Series



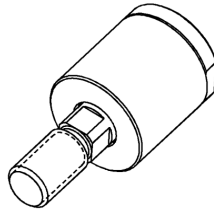
Part Number	Dimensions						
	KK	CD	EW	HR	LL	NN	S
430-1	7/16-20	.500	5/8	.656	2-7/16	1-1/2	1/4
430-MM-12Z	3/4-16	.750	7/8	.875	2-7/8	1-3/4	27/64
430-MM-16Z-1	1-14	1.000	1-3/8	1.375	4-1/8	2-1/8	35/64



Part Number	Dimensions	
	CD	CF
K79791	.500	1-9/16
K79792	.750	2-1/32
K79793	1.000	2-1/2

Selection

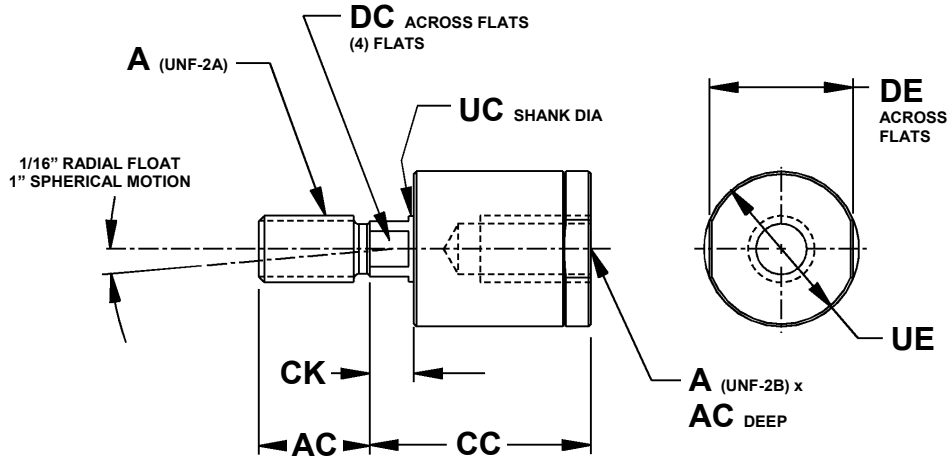
When selecting a rod clevis, the two critical dimensions are the clevis thread “KK” and the pin diameter “CD”. Note: The modified rod clevis are different per the clevis yoke depth “L”.



Rod End Accessories Alignment Coupler

Steel

3TH Series
7K/L Series
101K/L Series
AS/ASH Series
QA Series



Part Number	Dimensions									
	A	UE	CC	CK	AC	UC	DC	DE	MAT'L	Wt (lbs)
788-0250	.250-28	.875	1.250	.250	.625	.245	.188	.812	C	
788-0312	.312-24	.875	1.250	.250	.625	.308	.250	.812	C	
788-0375	.375-24	.875	1.250	.250	.625	.370	.312	.812	C	
788-0437	.438-20	1.250	2.000	.500	.750	.625	.562	1.125	C	
788-0500	.500-20	1.250	2.000	.500	.750	.625	.562	1.125	C	
788-0625	.625-18	1.250	2.000	.500	.750	.625	.500	1.125	C	
788-0750	.750-16	1.750	2.312	.312	1.125	.969	.875	1.500	C	
788-0875	.875-14	1.750	2.312	.312	1.125	.969	.875	1.500	H	
788-1000	1.000-14	2.500	2.938	.500	1.625	1.375	1.250	2.250	H	
788-1250	1.250-12	2.500	2.938	.500	1.625	1.375	1.250	2.250	H	
788-1375	1.375-12	2.500	2.938	.500	1.625	1.375	1.250	2.250	H	
788-1500	1.500-12	3.250	4.375	.812	2.250	1.750	1.500	3.000	H	
788-1750	1.750-12	3.250	4.375	.812	2.250	1.750	1.500	3.000	H	
788-1875	1.875-12	3.750	5.438	.688	3.000	2.250	1.875	3.500	H	
788-2000	2.000-12	3.750	5.438	.688	3.000	2.250	1.875	3.500	H	

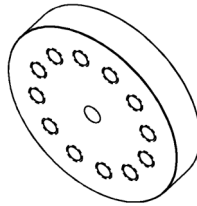
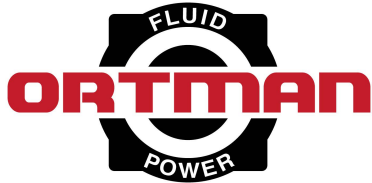
C - CD1018

H - A36 Steel HRS

Selection

When selecting a alignment coupler, the critical dimension is the mounting threads "A".

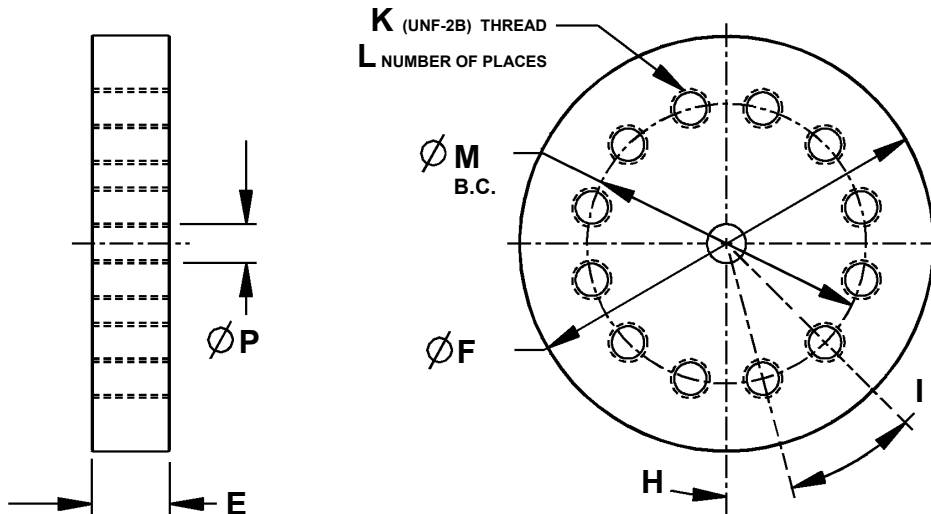
Note: Alignment couplers can be used on all Ortman Fluid Power male and female rod ends. Just match the cylinders rod end thread with the column above.



Rod End Accessories Rod Coupler Weld Plate

Steel

3TH Series
7K/L Series



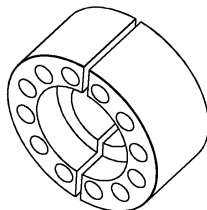
Part Number	Dimensions									MAT'L	Approx. Ship Wt (lbs)
	Rod Size	E	F	P	H	I	K	L	M		
903-062	.625	.500	2.000	.250	45°	90°	#10-24	4	1.125	C	.44
903-100	1.000	.500	2.500	.250	30°	60°	.250-20	6	1.500	C	.67
903-137	1.375	.625	3.000	.250	30°	60°	.312-18	6	2.000	C	1.20
903-175	1.750	.625	4.000	.250	22.5°	45°	.312-18	8	2.375	C	2.15
903-200	2.000	.750	4.000	.375	15°	30°	.375-16	12	2.688	C	2.46
903-250	2.500	.750	4.500	.375	15°	30°	.375-16	12	3.188	C	3.17
903-300	3.000	1.000	5.500	.375	15°	30°	.500-13	12	4.000	C	6.20
903-350	3.500	1.000	7.000	.375	15°	30°	.625-11	12	4.688	H	10.05
903-400	4.000	1.000	7.000	.375	15°	30°	.625-11	12	5.188	H	10.05
903-450	4.500	1.000	8.000	.375	15°	30°	.625-11	12	5.688	H	13.40
903-500	5.000	1.000	8.000	.375	15°	30°	.625-11	12	6.188	H	13.40
903-550	5.500	1.250	9.000	.375	15°	30°	.750-10	12	6.875	H	20.96
570801	7.000	2.000	11.250	.500	15°	30°	1.000-8	12	8.750	H	
85683	8.500	2.000	12.500	.500	11.2°	22.5°	1.000-8	16	10.250	H	
571531	10.000	2.250	14.750	.500	11.2°	22.5°	1.250-7	16	12.120	H	

C - CD1018

H - A36 Steel HRS

Selection

The rod coupler weld plate is used with the rod coupler. These items together allows a flanged rod end (Ortman rod end style 7) to be mounted the item that requires action.

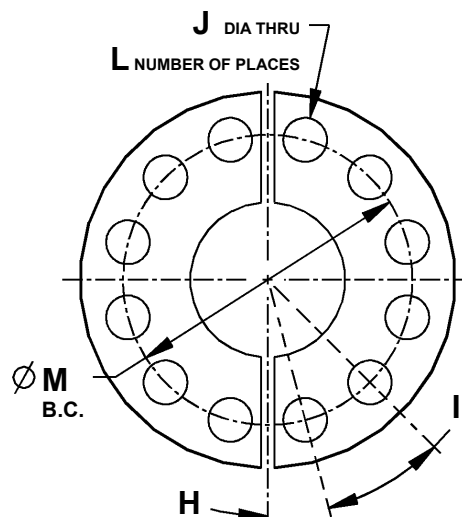
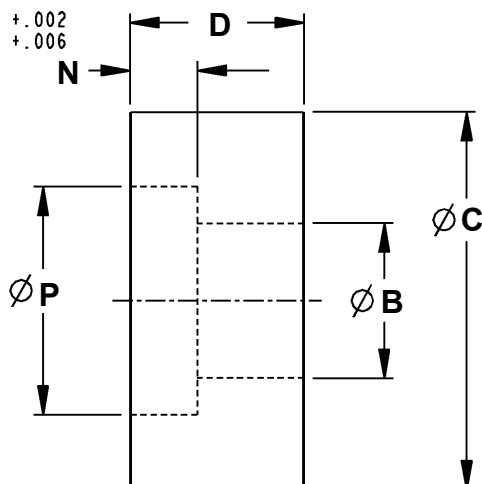


Rod End Accessories

Rod Coupler

Steel

3TH Series
7K/L Series



Part Number	Dimensions											MAT'L	Approx. Ship Wt (lbs)
	Rod Size	B	C	D	H	I	J	L	M	N	P		
902-062	.625	.406	1.500	.562	45°	90°	.218	4	1.125	.250	.656	S	.25
902-100	1.000	.750	2.000	.875	30°	60°	.281	6	1.500	.375	1.063	S	.52
902-137	1.375	.938	2.500	1.000	30°	60°	.343	6	2.000	.375	1.438	C	.92
902-175	1.750	1.187	3.000	1.250	22.5°	45°	.343	8	2.375	.500	1.813	C	1.62
902-200	2.000	1.438	3.500	1.625	15°	30°	.406	12	2.688	.625	2.063	C	2.56
902-250	2.500	1.875	4.000	1.875	15°	30°	.406	12	3.188	.750	2.625	C	3.71
902-300	3.000	2.375	5.000	2.375	15°	30°	.531	12	4.000	.875	3.125	C	7.46
902-350	3.500	2.625	5.875	2.625	15°	30°	.656	12	4.688	1.000	3.625	M	11.50
902-400	4.000	3.125	6.375	2.625	15°	30°	.656	12	5.188	1.000	4.125	M	13.17
902-450	4.500	3.625	6.875	3.125	15°	30°	.656	12	5.688	1.500	4.625	M	17.12
902-500	5.000	4.000	7.375	3.125	15°	30°	.656	12	6.188	1.500	5.125	M	19.41
902-550	5.500	4.500	8.250	3.875	15°	30°	.781	12	6.875	1.875	5.625	M	29.80
570800	7.000	5.875	10.375	4.250	15°	30°	1.031	12	8.750	1.877	7.125	M	50.24
571530	8.500	6.500	11.875	4.250	11.2°	22.5°	1.031	16	10.250	1.502	8.625	M	66.54
547897	10.000	8.250	14.125	4.500	11.2°	22.5°	1.281	16	12.120	2.364	10.250	M	85.57

C - CD1018 M - 1119 MOD S - CD1144

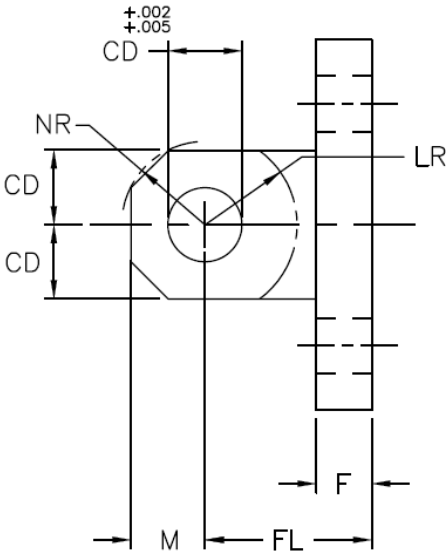
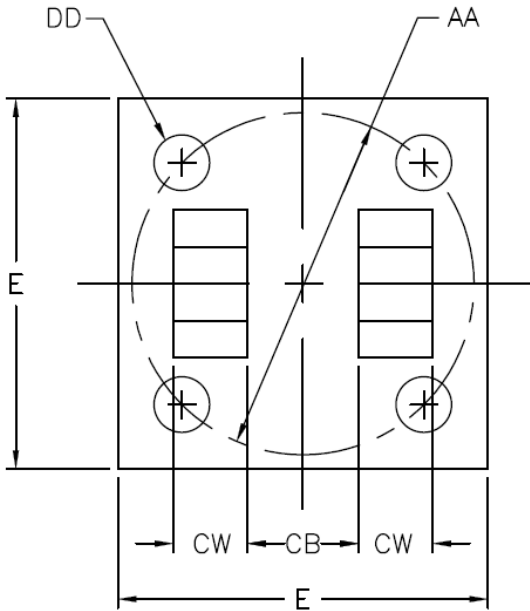
Selection

The rod coupler is used with the rod coupler weld plate. These items together allows a flanged rod end (Ortman rod end style 7) to be mounted the item that requires action. Note: The grade 8 steel socket head cap screws are not supplied (sold separately).



Base Accessories
Base Clevis
Steel

3TH Series
7K/L Series



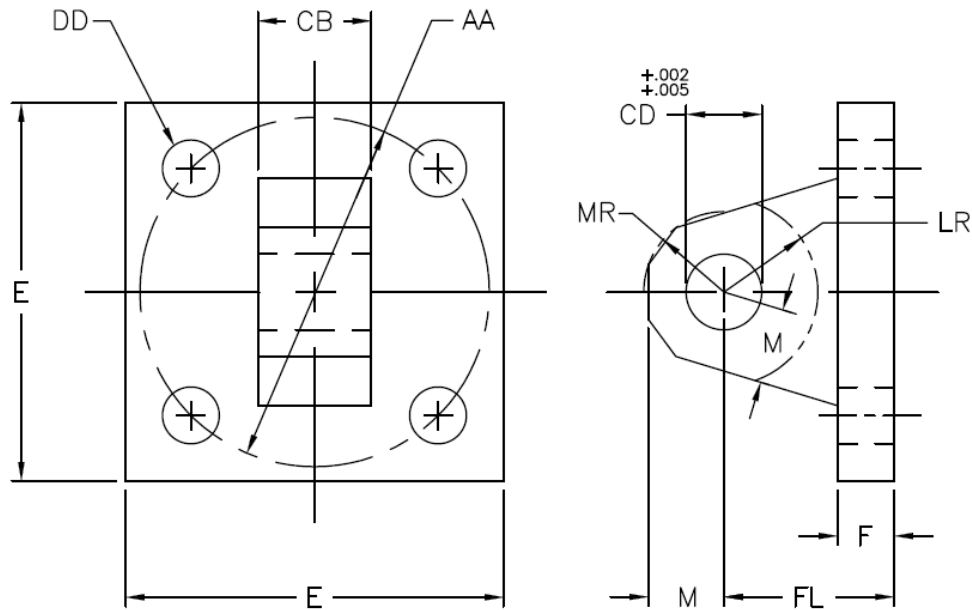
Part Number	Dimensions										
	AA	CB	CD	CW	DD	E	F	FL	LR	M	NR
77500	2.31	3/4	1/2	1/2	3/8	2-1/2	3/8	1-1/8	5/8	1/2	9/16
77501	3.61	1-1/4	3/4	5/8	1/2	3-1/2	5/8	1-7/8	15/16	3/4	27/32
77502	4.60	1-1/2	1	3/4	5/8	4-1/2	3/4	2-1/4	1-5/16	1	1-1/8
77503	5.40	2	1-3/8	1	5/8	5	7/8	3	1-3/4	1-3/8	1-1/2
77504	7.00	2-1/2	1-3/4	1-1/4	7/8	6-1/2	7/8	3-1/8	2	1-3/4	1-15/16
77505	8.10	2-1/2	2	1-1/4	1	7-1/2	1	3-1/2	2-1/4	2	2-3/16
88770	9.30	3	2-1/2	1-1/2	1-1/8	8-1/2	1	4	2-3/4	2-1/2	2-11/16
88771	10.60	3	3	1-1/2	1-1/4	9-1/2	1	4-1/4	3-1/16	2-3/4	3
88772	13.60	4	3-1/2	2	1-3/4	12/5/8	1-11/16	5-11/16	3-5/8	3-1/2	3-1/2
88773	16.20	4-1/2	4	2-1/4	2	14-7/8	1-15/16	6-7/16	4-1/4	4	4

Base Accessories

Base Pivot

Steel

3TH Series
7K/L Series



Part Number	Dimensions									
	AA	CB	CD	DD	E	F	FL	LR	M	MR
Y8430	2.31	3/4	1/2	3/8	2-1/2	3/8	1-1/8	5/8	1/2	19/32
Y8431	3.61	1-1/4	3/4	1/2	3-1/2	5/8	1-7/8	15/16	3/4	29/32
Y8432	4.60	1-1/2	1	5/8	4-1/2	3/4	2-1/4	1-5/16	1	1-3/16
Y8433	5.40	2	1-3/8	5/8	5	7/8	3	1-3/4	1-3/8	1-21/32
Y8434	7.00	2-1/2	1-3/4	7/8	6-1/2	7/8	3-1/8	2	1-3/4	1-29/32
Y8435	8.10	2-1/2	2	1	7-1/2	1	3-1/2	2-1/4	2	2-3/16
Y8436	9.30	3	2-1/2	1-1/8	8-1/2	1	4	2-3/4	2-1/2	2-5/8
Y8437	10.60	3	3	1-1/4	9-1/2	1	4-1/4	3-1/16	2-3/4	2-7/8

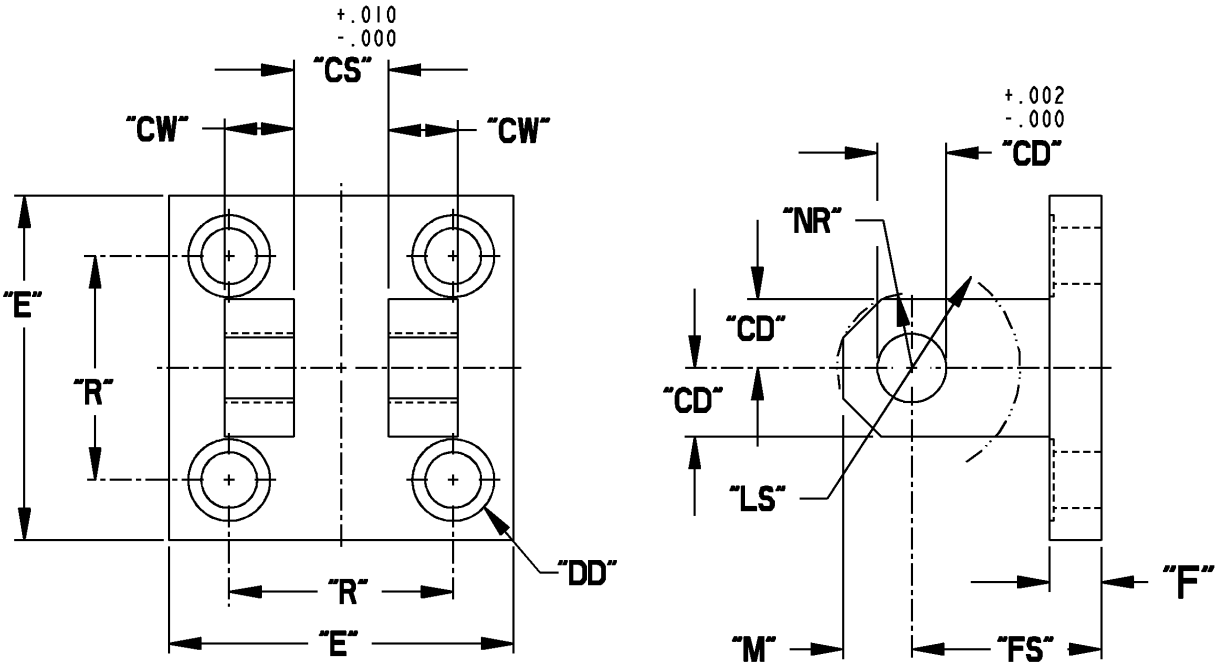
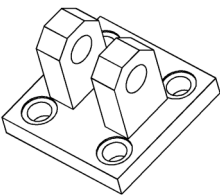


Base Accessories

Base Clevis For Spherical Rod Eyes

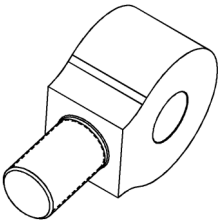
Steel

7K/L Series

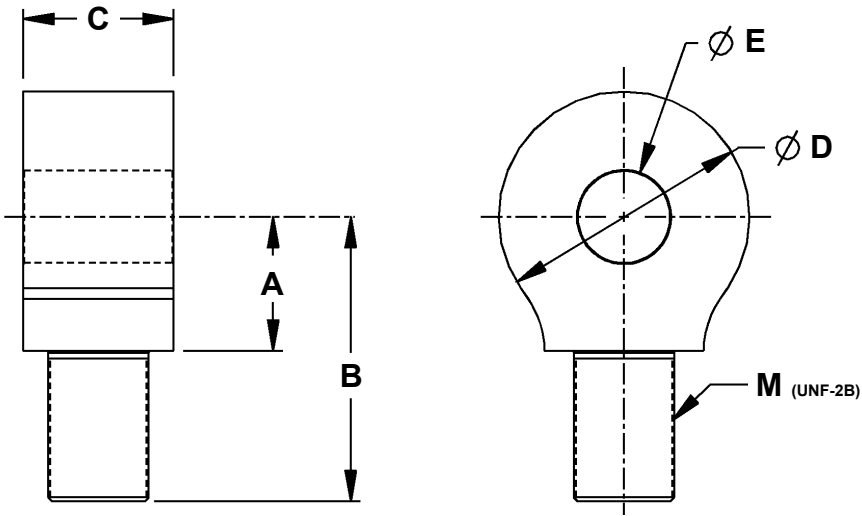


Part Number	Dimensions											MAT'L	Approx. Ship Wt (lbs)
	CD	R	CS	CW	DD	E	F	FS	LS	M	NR		
79788	.501	1.62	.688	.500	.375	2.50	.375	1.375	.88	.500	.56	C	
79789	.751	2.56	.938	.625	.500	3.50	.625	2.062	1.44	.750	.94	C	
79790	1.001	3.25	1.438	.750	.625	4.50	.750	2.500	1.94	1.000	1.19	C	

C - CD1018 H - A36 Steel HRS



Rod End Accessories
Rod Eye
Ductile Iron
101K/L Series



Part Number	Dimensions							
	A	B	C	D	E	M	MAT'L	Wt (lbs)
Y5679	.625	1.375	.750	1.438	.501	.500-20		
Y5680	.875	2.000	1.000	1.938	.751	.750-16		
Y5681	1.125	2.438	1.250	2.000	1.001	.875-14		
Y5682	1.250	2.750	1.500	2.250	1.126	1.000-14		
Y5683	1.625	3.500	1.750	3.000	1.501	1.250-12		
Y5684	2.000	4.250	2.250	3.750	1.876	1.500-12		

D - Ductile Iron

Selection

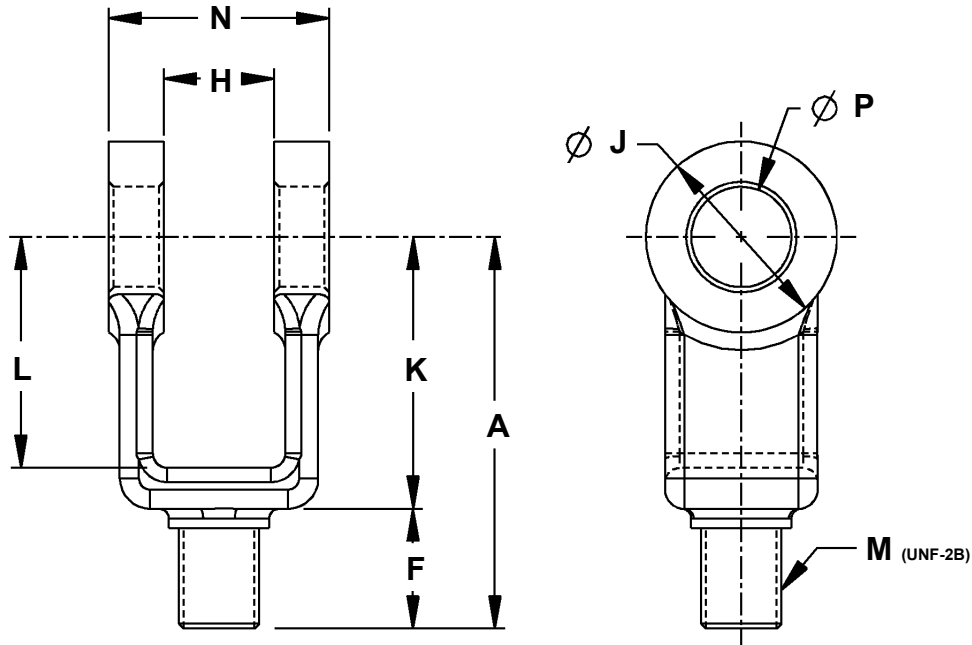
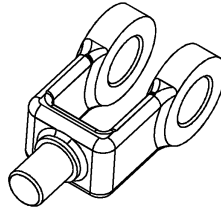
When selecting a rod clevis, the two critical dimensions are the clevis thread “KK” and the pin diameter “CD”. Note: The modified rod clevis are different per the clevis yoke depth “L”.

Rod End Accessories

Rod Clevis

Ductile Iron /Steel

101K/L Series



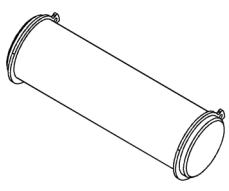
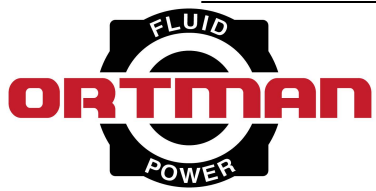
Part Number	Dimensions										
	A	F	H	J	K	L	M	N	P	MAT'L	Wt (lbs)
Y5012	2.438	.750	.688	1.188	1.680	1.438	.500-20	1.375	.626	D	
Y5013	3.625	1.125	.938	1.688	2.500	2.000	.750-16	1.875	.876	D	
Y5014	4.438	1.312	1.062	1.938	3.120	2.500	.875-14	2.125	1.001	D	
571576	3.760	1.500	1.510	2.250	2.250	1.375	1.000-14	3.375	1.126	C	
548021	4.812	1.875	1.760	3.000	2.938	1.750	1.250-12	3.875	1.501	C	
563109	5.875	2.250	2.250	3.750	3.625	2.100	1.500-12	4.750	1.876	C	

D - Ductile Iron

C - CD1018

Selection

When selecting a rod clevis, the two critical dimensions are the clevis thread “KK” and the pin diameter “CD”. Note: The modified rod clevis are different per the clevis yoke depth “L”.

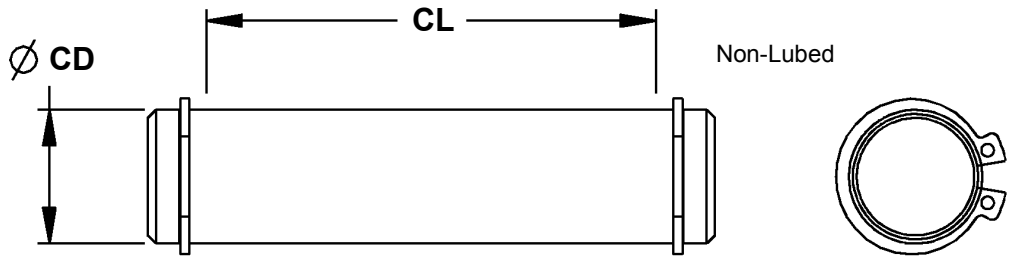


Rod End Accessories

Pin Assembly Kits w/Rings

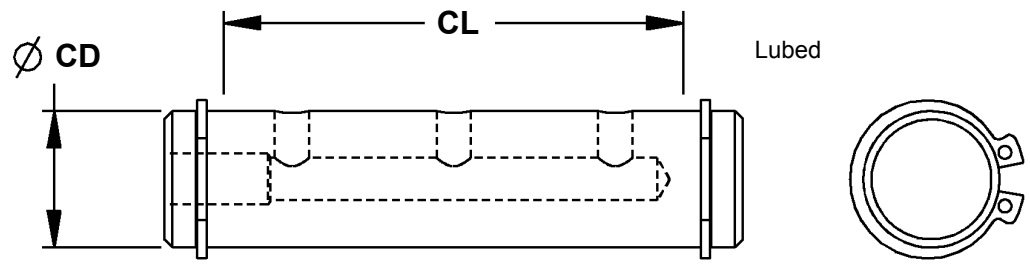
Steel

101K/L Series



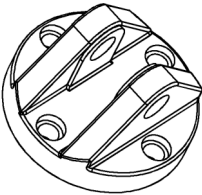
Part Number		Dimensions		
		CL	CD	MAT'L
Non-Lubed	Lubed			
KY8658-1	KY8658-11	1.750	.500	C
K52559-1	K52599-2	1.375	.625	C
KY8658-2	KY8658-12	2.250	.750	C
K52561-1	K52561-2	1.875	.875	C
K52562-1	K52562-2	3.000	1.000	C
K52563-1	K52563-2	2.125	1.000	C
K52564-1	K52564-2	3.375	1.125	C
K52565-1	K52565-2	3.875	1.500	C
K52566-1	K52566-2	5.000	1.500	C
K52567-1	K52567-2	4.750	1.875	C

C - C1050 Stress Relieved (Chromed Stock)

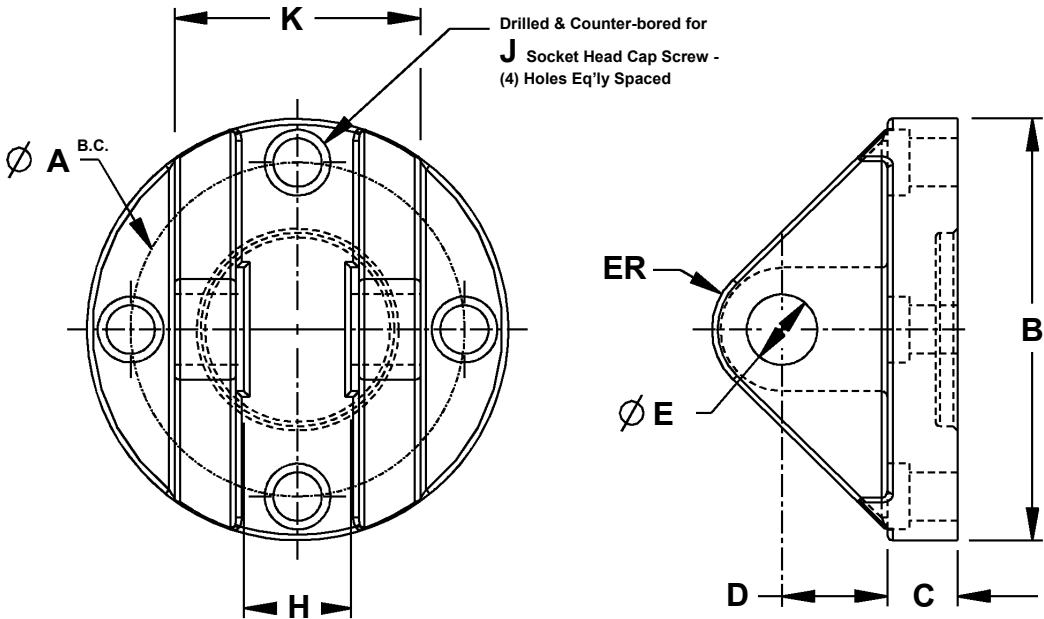


Selection

The rod coupler weld plate is used with the rod coupler. These items together allows a flanged rod end (Ortman rod end style 7) to be mounted the item that requires action.



Base Accessories
Base Clevis
Ductile Iron
101K/L Series



Part Number	Dimensions									MAT'L	Wt (lbs)
	A	B	C	D	E	K	H	J			
54472	2.375	3.000	.500	.750	.500	1.750	.750	.312		D	
54474	3.000	3.750	.625	1.000	.750	2.250	1.000	.375		D	
54476	4.000	5.000	.688	1.250	1.000	3.000	1.250	.375		D	
54478	4.625	5.875	.812	1.375	1.125	3.375	1.500	.500		D	
54480	5.125	6.375	.812	1.750	1.500	3.875	1.750	.625		D	
54482	6.250	7.750	.875	2.125	1.875	4.750	2.250	.750		D	

D - Ductile Iron

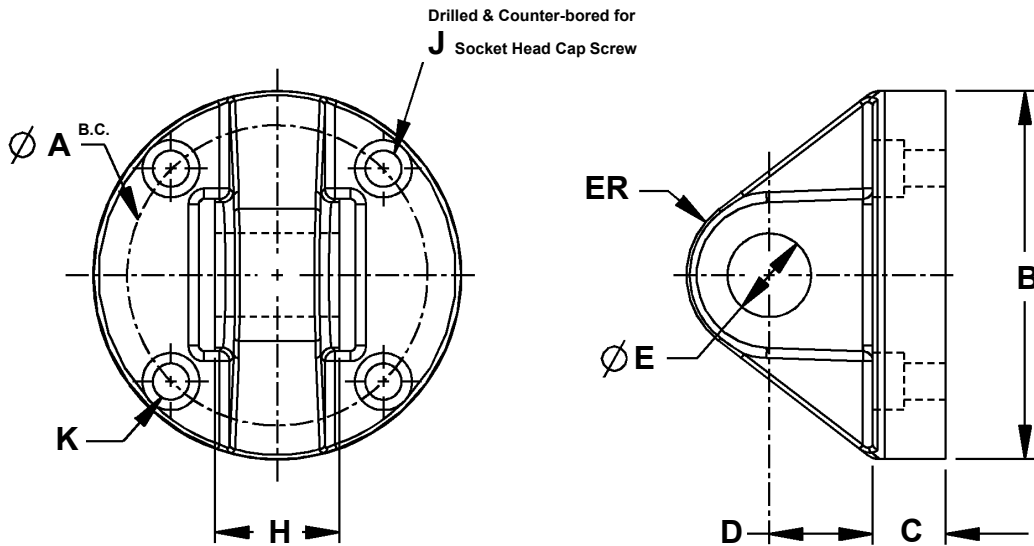
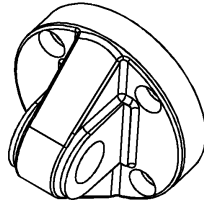
Selection

When selecting a rod clevis, the two critical dimensions are the clevis thread “KK” and the pin diameter “CD”. Note: The modified rod clevis are different per the clevis yoke depth “L”.

Base Accessories

Base Pivot

Ductile Iron
101K/L Series



Part Number	Dimensions									
	A	B	C	D	E	H	J	K	MAT'L	Wt (lbs)
54458	1.812	2.250	.438	.625	.500	.750	#10	4	D	
54460	2.312	2.875	.500	.875	.750	1.000	.312	4	D	
54462	2.688	3.375	.688	1.125	1.000	1.250	.375	4	D	
54464	3.500	4.375	.625	1.250	1.125	1.500	.438	4	D	
54466	4.250	5.375	.562	1.625	1.500	1.750	.375	8	D	
54468	6.000	7.375	.688	2.000	1.875	2.250	.500	8	D	

D - Ductile Iron

Selection

When selecting a rod clevis, the two critical dimensions are the clevis thread "KK" and the pin diameter "CD". Note: The modified rod clevis are different per the clevis yoke depth "L".