

Assembly	Diam	Grade	Length	Qty.	Connected assemblies	
-----					A5	16

	12	PB1230	30	1	P10	
	12	PB1230	30	8	P48	
	12	PB1230	30	1	P51	
	12	PB1230	30	1	P54	
	12	PB1230	30	1	P55	
	12	PB1230	30	4	P57	
	12	PB1230	30	2	TR2	
	12	PB1230	30	2	TR9	
	12	PB1230	30	2	TR10	
	12	PB1230	30	2	TR11	
	12	PB1230	30	4	TR12	
	12	PB1230	30	2	TR13	
	12	PB1230	30	2	TR14	
-----					A6	4

	12	PB1230	30	4	P56 P49	
	12	PB1230	30	4	RT1	
-----					A7	16

	12	PB1230	30	1	P46	
	12	PB1230	30	12	P47	
	12	PB1230	30	1	P50	
	12	PB1230	30	1	P52	
	12	PB1230	30	1	P53	
	12	PB1230	30	2	TR1	
	12	PB1230	30	2	TR3	
	12	PB1230	30	2	TR4	
	12	PB1230	30	2	TR5	
	12	PB1230	30	2	TR6	
	12	PB1230	30	2	TR7	
	12	PB1230	30	4	TR8	
-----					AP1	7

	20	8.8S	70	14		
	20	8.8S	320	2	AP9 TR6	
-----					AP3	5

	20	8.8S	70	10		
	20	8.8S	320	2	AP1 TR1	
	20	8.8S	320	2	AP1 TR3	
	20	8.8S	320	4	AP1 TR8	
	20	8.8S	320	2	AP32 TR4	
-----					AP5	1

Assembly	Diam	Grade	Length	Qty.	Connected assemblies
	20	8.8S	70	3	
	20	8.8S	320	2	AP1 TR7
AP6				1	
	20	8.8S	70	3	
	20	8.8S	320	2	AP1 TR5
AP7				1	
	20	8.8S	70	4	
AP8				1	
	20	8.8S	70	4	
AP9				1	
	20	8.8S	70	3	
AP10				17	
	20	8.8S	70	34	
AP11				12	
	20	8.8S	70	24	
AP12				1	
	20	8.8S	70	4	
AP13				1	
	20	8.8S	70	4	
AP14				1	
	20	8.8S	70	4	
AP15				1	
	20	8.8S	70	4	
AP16				1	
	20	8.8S	70	2	
AP17				1	
	20	8.8S	70	2	

Assembly	Diam	Grade	Length	Qty.	Connected assemblies
AP18				1	
	20	8.8S	70	2	
AP19				1	
	20	8.8S	70	2	
AP20				1	
	20	8.8S	70	2	
AP21				1	
	20	8.8S	70	2	
AP22				2	
	20	8.8S	70	4	
AP23				2	
	20	8.8S	70	4	
AP24				1	
	20	8.8S	70	4	
AP25				1	
	20	8.8S	70	4	
AP26				1	
	20	8.8S	70	4	
AP27				1	
	20	8.8S	70	4	
AP28				1	
	12	PB1230FAS	30	2	P16
	12	PB1230FAS	30	2	P20
AP29				21	
	12	PB1230	30	2	P21
	12	PB1230	30	2	P22
	12	PB1230	30	2	P23
	12	PB1230	30	2	P24
	12	PB1230	30	2	P25

Assembly	Diam	Grade	Length	Qty.	Connected assemblies
	12	PB1230	30	2	P26
	12	PB1230	30	2	P27
	12	PB1230	30	2	P28
	12	PB1230	30	2	P29
	12	PB1230	30	2	P30
	12	PB1230	30	2	P31
	12	PB1230	30	2	P32
	12	PB1230	30	2	P33
	12	PB1230	30	2	P34
	12	PB1230	30	2	P35
	12	PB1230	30	2	P36
	12	PB1230	30	2	P37
	12	PB1230	30	2	P38
	12	PB1230	30	2	P39
	12	PB1230	30	2	P40
	12	PB1230	30	2	P41
	12	PB1230FAS	30	14	P15
	12	PB1230FAS	30	10	P16
	12	PB1230FAS	30	6	P17
	12	PB1230FAS	30	8	P18
	12	PB1230FAS	30	4	P19
AP30				2	
	20	8.8S	70	4	
AP31				2	
	20	8.8S	70	4	
AP32				1	
	20	8.8S	70	3	
BM1				1	
	16	8.8S	35	1	P31
	16	8.8S	35	1	P32
	16	8.8S	35	1	P33
	16	8.8S	35	1	P34
BM2				1	
	16	8.8S	35	1	P30
	16	8.8S	35	1	P39
	16	8.8S	35	1	P40
	16	8.8S	35	1	P41
BR2				2	
	20	8.8S	50	2	AP5
	20	8.8S	50	2	AP6
	20	8.8S	50	2	TR4

Assembly	Diam	Grade	Length	Qty.	Connected assemblies
	20	8.8S	50	2	TR6
BR3				2	
	20	8.8S	50	2	AP9
	20	8.8S	50	2	AP32
	20	8.8S	50	2	TR5
	20	8.8S	50	2	TR7
BR4				2	
	20	8.8S	50	4	RT1
	20	8.8S	50	2	TR6
	20	8.8S	50	2	TR11
BR5				2	
	20	8.8S	50	2	AP12
	20	8.8S	50	2	AP13
	20	8.8S	50	2	TR3
	20	8.8S	50	2	TR13
BR6				2	
	16	8.8S	45	2	TR2
	16	8.8S	45	2	TR9
	16	8.8S	45	2	TR10
	16	8.8S	45	2	TR11
BR8				8	
	16	8.8S	45	4	TR1
	16	8.8S	45	2	TR2
	16	8.8S	45	2	TR3
	16	8.8S	45	2	TR4
	16	8.8S	45	2	TR5
	16	8.8S	45	2	TR6
	16	8.8S	45	4	TR7
	16	8.8S	45	4	TR9
	16	8.8S	45	2	TR10
	16	8.8S	45	2	TR11
	16	8.8S	45	2	TR13
	16	8.8S	45	4	TR14
BR9				2	
	16	8.8S	45	2	AP14
	16	8.8S	45	2	AP15
	16	8.8S	45	4	RT1
CN1				1	

Assembly	Diam	Grade	Length	Qty.	Connected assemblies
	16	8.8S	45	4	RT9
CN2				1	
	16	8.8S	45	4	RT9
CN3				1	
	16	8.8S	45	4	RT9
CN4				1	
	16	8.8S	45	4	RT9
CN5				10	
	16	8.8S	45	10	BM1
	16	8.8S	45	10	BM2
CN6				1	
	16	8.8S	45	2	BM2
CN7				1	
	16	8.8S	50	4	RT10
CN8				1	
	16	8.8S	50	4	RT10
CN9				1	
	16	8.8S	45	4	RT10
CN10				1	
	16	8.8S	45	4	RT7
CN11				1	
	16	TRUBOLT	100	2	
	20	8.8S	50	2	RT9
CN12				1	
	20	CHEMSET	260	2	
CN13				1	
	16	8.8S	45	4	RT6

Assembly	Diam	Grade	Length	Qty.	Connected assemblies
CN16				1	
	16	8.8S	50	4	RT2
	16	8.8S	50	2	RT17
CN17				1	
	16	8.8S	50	4	RT2
	16	8.8S	50	2	RT17
CN18				1	
	16	8.8S	50	4	RT2
	16	8.8S	50	2	RT17
CN19				1	
	20	8.8S	50	2	HD4
	20	8.8S	50	2	RT9
HD1				1	
	16	8.8S	40	2	CN9
	16	8.8S	40	2	CN10
HD2				1	
	20	8.8S	70	4	
HD3				1	
	20	8.8S	60	2	HD4
	20	8.8S	70	2	
HD4				1	
	12	8.8S	65	5	TR18 TR18
	16	8.8S	45	2	CN11
	16	8.8S	45	2	CN12
HD5				1	
	12	8.8S	40	2	HD6
	12	8.8S	140	5	CN5
	12	8.8S	140	1	CN13
HD6				1	
	12	8.8S	130	1	CN4
	12	8.8S	140	1	CN1
	12	8.8S	140	1	CN2
	12	8.8S	140	1	CN3

Assembly	Diam	Grade	Length	Qty.	Connected assemblies
HD7				1	
	12	8.8S	140	5	CN5
	12	8.8S	140	1	CN6
	12	8.8S	140	1	CN10
HD8				1	
	12	8.8S	140	1	CN7
	12	8.8S	140	1	CN8
	20	8.8S	70	1	
RD1				1	
	16	8.8S	45	2	AP21
	16	8.8S	45	2	RT2
RD2				1	
	16	8.8S	45	2	AP20
	16	8.8S	45	2	RT2
RD3				1	
	16	8.8S	45	2	RT2
	16	8.8S	45	2	RT9
RD4				1	
	16	8.8S	45	2	AP20
	16	8.8S	45	2	RT9
RD5				1	
	16	8.8S	45	2	AP21
	16	8.8S	45	2	RT7
RD6				1	
	16	8.8S	45	2	RT2
	16	8.8S	45	2	RT7
RD7				1	
	16	8.8S	45	2	RT7
	16	8.8S	45	2	RT16
RD8				1	
	16	8.8S	45	2	RT7
	16	8.8S	45	2	RT10

Assembly	Diam	Grade	Length	Qty.	Connected assemblies
RK1				1	
	16	TRUBOLT	100	2	
RK2				2	
	16	TRUBOLT	100	6	
RK3				1	
	16	TRUBOLT	100	3	
RK4				2	
	16	TRUBOLT	100	10	
RK5				1	
	16	TRUBOLT	100	5	
RK6				2	
	16	TRUBOLT	100	10	
RK7				2	
	16	TRUBOLT	100	8	
RK8				1	
	16	TRUBOLT	100	4	
RK9				1	
	16	TRUBOLT	100	2	
RK10				1	
	16	TRUBOLT	100	3	
RK11				1	
	16	TRUBOLT	100	3	
RK12				1	
	16	TRUBOLT	100	4	
RK13				1	
	16	TRUBOLT	100	4	

Assembly	Diam	Grade	Length	Qty.	Connected assemblies
RK14				1	
	16	TRUBOLT	100	4	
RK15				1	
	16	TRUBOLT	100	2	
RT1				1	
	20	8.8S	50	2	AP7
	20	8.8S	50	2	AP8
RT2				1	
	20	8.8S	50	2	AP24
	20	8.8S	50	2	AP25
RT3				3	
	20	8.8S	70	12	
RT4				1	
	16	8.8S	45	4	RT5
	20	8.8S	50	2	CN12
RT5				1	
	16	8.8S	50	4	RT2
	16	8.8S	65	4	RT6
RT6				1	
	16	8.8S	55	4	RT15
RT7				1	
	16	8.8S	50	4	RT14
	16	8.8S	55	4	RT16
RT8				1	
	16	8.8S	45	2	AP18
	16	8.8S	45	2	AP19
RT9				1	
	12	PB1230	30	4	P34
	16	8.8S	55	4	RT15
	20	8.8S	55	4	RT4

Assembly	Diam	Grade	Length	Qty.	Connected assemblies
RT10				1	
	16	8.8S	55	4	RT16
	20	8.8S	70	4	
RT11				1	
	16	8.8S	55	4	RT16
	20	8.8S	70	4	
RT12				1	
	20	8.8S	70	4	
RT13				1	
	12	PB1230FAS	30	4	P20
	20	8.8S	45	4	RT9
RT14				1	
	16	8.8S	45	2	AP16
	16	8.8S	45	2	AP17
RT15				1	
	20	8.8S	50	3	AP26
RT16				1	
	20	8.8S	50	3	AP27
RT17				1	
	16	8.8S	40	4	AP31
SL1				2	
SL2				18	
ST1				2	
	20	8.8S	55	2	AP12
	20	8.8S	55	2	AP13
	20	8.8S	55	2	TR3
	20	8.8S	55	2	TR13
ST2				2	

Assembly	Diam	Grade	Length	Qty.	Connected assemblies
	20	8.8S	55	4	RT1
	20	8.8S	55	2	TR6
	20	8.8S	55	2	TR11
ST3				2	
	20	8.8S	55	2	AP14
	20	8.8S	55	2	AP15
	20	8.8S	55	4	RT1
ST4				8	
	20	8.8S	55	4	TR1
	20	8.8S	55	2	TR2
	20	8.8S	55	2	TR3
	20	8.8S	55	2	TR4
	20	8.8S	55	2	TR5
	20	8.8S	55	2	TR6
	20	8.8S	55	4	TR7
	20	8.8S	55	4	TR9
	20	8.8S	55	2	TR10
	20	8.8S	55	2	TR11
	20	8.8S	55	2	TR13
	20	8.8S	55	4	TR14
ST5				1	
	16	8.8S	50	2	AP21
	16	8.8S	50	2	RT2
ST6				1	
	16	8.8S	50	2	AP20
	16	8.8S	50	2	RT2
ST7				2	
	16	8.8S	50	4	AP23
	16	8.8S	50	2	TR4
	16	8.8S	50	2	TR10
ST8				4	
	16	8.8S	50	2	TR2
	16	8.8S	50	2	TR5
	16	8.8S	50	6	TR8
	16	8.8S	50	6	TR12
ST9				2	
	16	8.8S	50	4	AP22
	16	8.8S	50	2	TR8
	16	8.8S	50	2	TR12

Assembly	Diam	Grade	Length	Qty.	Connected assemblies
ST10				2	
	16	8.8S	50	4	AP30
	16	8.8S	50	4	RT17
TR1				1	
	24	8.8S	100	12	TR14
TR2				1	
TR3				1	
	24	8.8S	100	12	TR13
TR4				1	
	24	8.8S	100	12	TR10
TR5				1	
	24	8.8S	100	12	TR2
TR6				1	
	24	8.8S	100	12	TR11
TR7				1	
	24	8.8S	100	12	TR9
TR8				2	
	24	8.8S	100	24	TR12
TR9				1	
	24	8.8S	100	12	TR2
TR10				1	
TR11				1	
	24	8.8S	100	12	TR10
TR12				2	

Assembly	Diam	Grade	Length	Qty.	Connected assemblies
TR13				1	
	24	8.8S	100	12	TR12
TR14				1	
	24	8.8S	100	12	TR12
TR15				1	
	20	8.8S	70	2	
TR16				1	
	20	8.8S	70	2	
TR17				1	
	12	8.8S	25	2	TR15
	12	8.8S	25	2	TR16
TR18				1	
	12	8.8S	35	2	CN12
	16	TRUBOLT	100	8	