

ANCHOR

ANCHOR®

hydraulic hose

CATALOGUE



hydraulic hose

07 Braided Hose

19 Spiral Hose

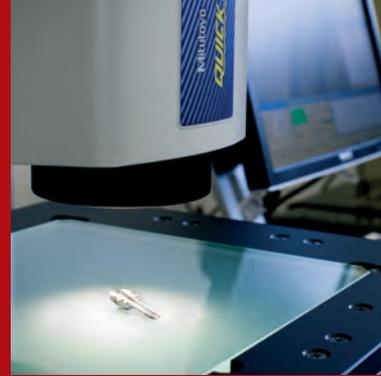
25 Textile Braided Hose

29 Thermoplastic Hose



**ANCHOR BRANDED
PRODUCT IS
MANUFACTURED
FOLLOWING
HIGHEST
QUALITY
STANDARDS
AND PRODUCTION
SPECIFICATION**





**THE ANCHOR BRAND
OFFERS PERFORMANCE
PRODUCTS AND SYSTEMS
SOLUTIONS WITH
PERSONALIZED SERVICE**

Braided Hose

APPLICATION: high pressure hydraulic lines; high-pressure cleaning machines for cold and hot water.

R1 SAE 100 R1 AT

Applicable Standard

SAE J517 100 R1 AT

Liner

Oil resistant synthetic rubber

Reinforcement

One braid of high tensile steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved

Application

Medium pressure hydraulic lines

Temperature

Hydraulics Oils: from -40°C to 100°C (from -40°F to 212°F)

Water Glycol Hydraulic Fluids:

Water:

Air:



														
	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3663391	5	-3	3/16	4,8	12,5	0,494	207	3000	828	12000	89	3,5		
 FN SAE 100 R1 AT 3/16" WP 210 bar (3000 psi) MSHA IC-XX/XXX														
3890936	6	-4	1/4	6,4	14,1	0,555	192	2785	768	11140	100	4		
 EN 853 1SN 6 / SAE 100 R1 AT 1/4" WP 225 bar (3260 psi) MSHA IC-XX/XXX														
3890935	10	-6	3/8	9,5	18,1	0,712	157	2275	628	9100	125	5		
 EN 853 1SN 10 / SAE 100 R1 AT 3/8" WP 180 bar (2610 psi) MSHA IC-XX/XXX														
3890934	12	-8	1/2	12,7	21,5	0,846	140	2030	560	8120	180	7		
 EN 853 1SN 12 / SAE 100 R1 AT 1/2" WP 160 bar (2320 psi) MSHA IC-XX/XXX														
3890933	16	-10	5/8	15,9	24,5	0,964	105	1525	420	6100	205	8		
 EN 853 1SN 16 / SAE 100 R1 AT 5/8" WP 130 bar (1885 psi) MSHA IC-XX/XXX														
3890932	19	-12	3/4	19,1	28,5	1,122	87	1260	348	5040	240	9,5		
 EN 853 1SN 19 / SAE 100 R1 AT 3/4" WP 105 bar (1520 psi) MSHA IC-XX/XXX														
3890931	25	-16	1	25,4	36,6	1,440	70	1015	280	4060	300	12		
 EN 853 1SN 25 / SAE 100 R1 AT 1" WP 88 bar (1275 psi) MSHA IC-XX/XXX														

This hose fits with MN couplings

1SN EN 853 / SAE 100 R1 AT PLUS

Applicable Standard

SAE J517 100 R1 AT
EN 853 1SN

Liner

Oil resistant synthetic rubber

Reinforcement

One braid of high tensile steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved

Application

Medium pressure and high temperature hydraulics lines

Temperature

Hydraulics Oils: from -40°C to 135°C (from -40°F to 275°F)

Water Glycol Hydraulic Fluids: from 0°C to 85°C (from 32°F to 185°F)

Water: from 0°C to 85°C (from 32°F to 185°F)

Air:



	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3201342	6	-4	1/4	6,4	14,1	0,555	192	2750	900	13054	100	4	2,1	0,14
SAE 100 R1 AT 6 Plus 1/4" +135°C WP 192 bar (2780 psi) MSHA IC-XX/XXX														
3201343	10	-6	3/8	9,5	18,1	0,712	157	2250	720	10443	125	5	6	0,403
SAE 100 R1 AT 10 Plus 3/8" +135°C WP 157 bar (2275 psi) MSHA IC-XX/XXX														
3201344	12	-8	1/2	12,7	21,5	0,846	140	2000	640	9283	180	7	8	0,538
SAE 100 R1 AT 12 Plus 1/2" +135°C WP 140 bar (2030 psi) MSHA IC-XX/XXX														
3663400	16	-10	5/8	15,9	24,7	0,972	105	1500	520	7542	200	8	11	0,739
SAE 100 R1 AT 16 Plus 5/8" +135°C WP 105 bar (1520 psi) MSHA IC-XX/XXX														
3201345	19	-12	3/4	19,1	28,6	1,125	87	1250	420	6092	240	9,5	14	0,941
SAE 100 R1 AT 19 Plus 3/4" +135°C WP 87 bar (1260 psi) MSHA IC-XX/XXX														
3201346	25	-16	1	25,4	36,6	1,440	70	1000	350	5077	300	12	19,9	1,337
SAE 100 R1 AT 25 Plus 1" +135°C WP 70 bar (1015 psi) MSHA IC-XX/XXX														
3198514	31	-20	1 1/4	31,8	44,8	1,763	43	625	250	3626	420	16,5	25,9	1,74
SAE 100 R1 AT 31 Plus 1 1/4" +135°C WP 43 bar (620 psi) MSHA IC-XX/XXX														
3201348	38	-24	1 1/2	38,1	52	2,047	35	500	200	2901	500	20	29,9	2,009
SAE 100 R1 AT 38 Plus 1 1/2" +135°C WP 35 bar (505 psi) MSHA IC-XX/XXX														
3663401	51	-32	2	50,8	65,9	2,594	26	375	160	2321	630	25	40,9	2,748
SAE 100 R1 AT 51 Plus 2" +135°C WP 26 bar (375 psi) MSHA IC-XX/XXX														

This hose fits with MN couplings

2SN EN 853 / SAE 100 R2 AT

Applicable Standard

SAE J517 100 R2 AT
EN 853 2SN

Liner

Oil resistant synthetic rubber

Reinforcement

Two braids of high tensile steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved

Application

High pressure hydraulic lines

Temperature

Hydraulics Oils: from -40°C to 100°C (from -40°F to 212°F)

Water Glycol Hydraulic Fluids: from 0°C to 66°C (from 32°F to 151°F)

Water: from 0°C to 66°C (from 32°F to 151°F)

Air:



	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3239290	6	-4	1/4	6,4	15,7	0,618	400	5800	1600	23200	100	4	3,4	0,23
EN 853 2SN 6 / SAE 100 R2 AT 1/4" WP 400 bar (5800 psi) MSHA IC-XX/XXX														
3201354	10	-6	3/8	9,5	19,7	0,775	330	4800	1320	19200	125	5	6	0,403
EN 853 2SN 10 / SAE 100 R2 AT 3/8" WP 330 bar (4785 psi) MSHA IC-XX/XXX														
3201355	12	-8	1/2	12,7	22,8	0,897	275	4000	1100	16000	180	7	8	0,538
EN 853 2SN 12 / SAE 100 R2 AT 1/2" WP 275 bar (3985 psi) MSHA IC-XX/XXX														
3246812	16	-10	5/8	15,9	26,2	1,031	250	3625	1000	14500	200	8	11	0,739
EN 853 2SN 16 / SAE 100 R2 AT 5/8" WP 250 bar (3625 psi) MSHA IC-XX/XXX														
3201356	19	-12	3/4	19,1	30,2	1,188	215	3120	860	12480	240	9,5	14	0,941
EN 853 2SN 19 / SAE 100 R2 AT 3/4" WP 215 bar (3115 psi) MSHA IC-XX/XXX														
3239291	25	-16	1	25,4	38,9	1,530	165	2400	660	9600	300	12	19,9	1,337
EN 853 2SN 25 / SAE 100 R2 AT 1" WP 165 bar (2390 psi) MSHA IC-XX/XXX														
3663402	31	-20	1 1/4	31,8	49,5	1,948	125	1815	500	7260	420	16,5	25,9	1,74
EN 853 2SN 31 / SAE 100 R2 AT 1 1/4" WP 125 bar (1810 psi) MSHA IC-XX/XXX														

This hose fits with MN couplings

2SN EN 853 / SAE 100 R2 AT "AAR" (Advanced Abrasion Resistance)

Applicable Standard

**SAE J517 100 R2 AT
EN 853 2SN**

Liner

Oil resistant synthetic rubber

Reinforcement

Two braids of high tensile steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved, advanced abrasion resistance

Application

High pressure hydraulic lines

Temperature

Hydraulics Oils: from -40°C to 100°C (from -40°F to 212°F)

Water Glycol Hydraulic Fluids: from 0°C to 66°C (from 32°F to 151°F)

Water: from 0°C to 66°C (from 32°F to 151°F)

Air:



	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3663405	6	-4	1/4	6,4	15,7	0,618	400	5800	1600	23200	100	4		

ANCHOR EN 853 2SN 6 / SAE 100 R2 AT 1/4" AAR WP 400 bar (5800 psi) MSHA IC-XX/XXX

3663406	10	-6	3/8	9,5	19,7	0,775	330	4800	1320	19200	125	5		
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ANCHOR EN 853 2SN 10 / SAE 100 R2 AT 3/8" AAR WP 330 bar (4785 psi) MSHA IC-XX/XXX

This hose fits with MN couplings

R14 SAE 100 R14

Applicable Standard

SAE J517 100 R14

Liner

Seamless polytetrafluoroethylene

Reinforcement

One braid of high tensile steel wire

Cover

Application

Medium pressure PTFE lined

Temperature

Hydraulics Oils: from -54°C to 232°C (from -65°F to 450°F)

Water Glycol Hydraulic Fluids:

Water:

Air:



														
	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
2677278	5	-3	3/16	4,8	8,2	0,332	105	1500	689	10000	50	2		
 ANCHOR	N/A No cover material on this hose product													
2247696	6	-4	1/4	6,4	10,1	0,397	105	1500	620	9000	75	3		
 ANCHOR	N/A No cover material on this hose product													
2247697	8	-5	5/16	7,9	11,6	0,456	105	1500	552	8000	100	4		
 ANCHOR	N/A No cover material on this hose product													
2247698	10	-6	3/8	9,5	13,4	0,527	105	1500	483	7000	125	5		
 ANCHOR	N/A No cover material on this hose product													
2247699	11	-7	7/16	10,3	14,3	0,562	70	1000	414	6000	135	5,25		
 ANCHOR	N/A No cover material on this hose product													
2247700	12	-8	1/2	12,7	16,8	0,661	56	800	414	6000	165	6,5		
 ANCHOR	N/A No cover material on this hose product													
2247701	16	-10	5/8	15,9	20,1	0,791	56	800	345	5000	200	7,75		
 ANCHOR	N/A No cover material on this hose product													
2972798	19	-12	3/4	19,1	23,3	0,917	56	800	576	4000	230	9		
 ANCHOR	N/A No cover material on this hose product													
2972799	22	-14	7/8	22,2	26,9	1,059	56	800	541	3500	230	9		
 ANCHOR	N/A No cover material on this hose product													

This hose fits with JN couplings

2SC EN 857 / SAE 100 R16

Applicable Standard

SAE J517 100 R16
EN 857 2SC

Liner

Oil resistant synthetic rubber

Reinforcement

Two braids of high tensile steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved

Application

High pressure hydraulic lines

Temperature

Hydraulics Oils: from -40°C to 121°C (from -40°F to 250°F)

Water Glycol Hydraulic Fluids: from 0°C to 66°C (from 32°F to 151°F)

Water: from 0°C to 66°C (from 32°F to 151°F)

Air:



	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3890865	6	-4	1/4	6,4	14,2	0,559	400	5800	1600	23200	50	2		
EN 857 2SC 6 / SAE 100 R16 1/4" WP 400 bar (5800 psi) MSHA IC-XX/XXX														
3890864	10	-6	3/8	9,5	18	0,708	330	4800	1320	19200	65	2,5		
EN 857 2SC 10 / SAE 100 R16 3/8" WP 330 bar (4785 psi) MSHA IC-XX/XXX														
4237146	12	-8	1/2	12,7	21,2	0,834	275	4000	1100	16000	90	3,5		
EN 857 2SC 12 / SAE 100 R16 1/2" WP 275 bar (3985 psi) MSHA IC-XX/XXX														
4237145	16	-10	5/8	15,9	24,4	0,960	250	3625	1000	14500	100	4		
EN 857 2SC 16 / SAE 100 R16 5/8" WP 250 bar (3625 psi) MSHA IC-XX/XXX														
3890863	19	-12	3/4	19,1	29	1,141	215	3120	860	12480	120	4,75		
EN 857 2SC 19 / SAE 100 R16 3/4" WP 215 bar (3115 psi) MSHA IC-XX/XXX														
4237144	25	-16	1	25,4	36,6	1,440	165	2400	660	9600	150	6		
EN 857 2SC 25 / SAE 100 R16 1" WP 165 bar (2390 psi) MSHA IC-XX/XXX														

This hose fits with MN couplings

R17 SAE 100 R17 PLUS

Applicable Standard

SAE J517 100 R17

Liner

Oil resistant synthetic rubber

Reinforcement

One or more braids of high tensile steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved

Application

High pressure hydraulic lines

Temperature

Hydraulics Oils: from -40°C to 100°C (from -40°F to 212°F)

Water Glycol Hydraulic Fluids: from 0°C to 66°C (from 32°F to 151°F)

Water: from 0°C to 66°C (from 32°F to 151°F)

Air:



3339881	6	-4	1/4	6,4	#REF!	0,496	210	3000	840	12000	50	2		
SAE 100 R17 6 Plus 1/4" WP 210 bar (3000 psi) MSHA IC-XX/XXX														
3339882	10	-6	3/8	9,5	#REF!	0,641	210	3000	840	12000	65	2,5		
SAE 100 R17 10 Plus 3/8" WP 210 bar (3000 psi) MSHA IC-XX/XXX														
3339883	12	-8	1/2	12,7	#REF!	0,830	210	3000	840	12000	90	3,5		
SAE 100 R17 12 Plus 1/2" WP 210 bar (3000 psi) MSHA IC-XX/XXX														
3339885	16	-10	5/8	15,9	#REF!	1,019	210	3000	840	12000	100	4		
SAE 100 R17 16 Plus 5/8" WP 210 bar (3000 psi) MSHA IC-XX/XXX														
3339886	19	-12	3/4	19,1	#REF!	1,192	210	3000	840	12000	120	5		
SAE 100 R17 19 Plus 3/4" WP 210 bar (3000 psi) MSHA IC-XX/XXX														
3339887	25	-16	1	25,4	#REF!	1,519	210	3000	840	12000	150	6		
SAE 100 R17 25 Plus 1" WP 210 bar (3000 psi) MSHA IC-XX/XXX														

This hose fits with MN couplings

Pilot and Control Line

Applicable Standard

Pilot and Control Line

Liner

Oil resistant synthetic rubber

Reinforcement

One braid of high tensile steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved

Application

High pressure hydraulic lines

Temperature

Hydraulics Oils: from -40°C to 121°C (from -40°F to 250°F)

Water Glycol Hydraulic Fluids: from 0°C to 70°C (from 32°F to 158°F)

Water: from 0°C to 70°C (from 32°F to 158°F)

Air:



	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3663403	6	-4	1/4	6,4	12	0,472	103	1500	412	6000	30	1,2		
WCL 6 1/4" Pilot and Control Line WP 103 bar (1500 psi) MSHA IC-XX/XXX														
3668438	10	-6	3/8	9,5	15,3	0,602	103	1500	412	6000	50	2		
WCL 10 3/8" Pilot and Control Line WP 103 bar (1500 psi) MSHA IC-XX/XXX														
3668439	12	-8	1/2	12,7	18,5	0,728	103	1500	412	6000	60	2,4		
WCL 12 1/2" Pilot and Control Line WP 103 bar (1500 psi) MSHA IC-XX/XXX														

This hose fits with MH couplings

Spiral Hose

APPLICATION: high pressure hydraulic lines; high pressure water jet machines.

R12 SAE 100 R12 PLUS

Applicable Standard

SAE J517 100 R12

Liner

Oil resistant synthetic rubber

Reinforcement

Four spirals of high tensile steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved

Application

High pressure hydraulic lines

Temperature

Hydraulics Oils: from -40°C to 121°C (from -40°F to 250°F)

Water Glycol Hydraulic Fluids: from 0°C to 93°C (from 32°F to 199°F)

Water: from 0°C to 93°C (from 32°F to 199°F)

Air:



														
	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3262149	10	-6	3/8	9,5	21	0,827	280	4000	1120	16000	64	2,5		
 6HPSA 3/8" I.D. (9.5 mm) 4000 PSI WP (275 BAR) SAE 100R12 MSHA 2G-IC-11C/11														
3262150	12	-8	1/2	12,7	24,6	0,969	280	4000	1120	16000	89	3,5		
 8HPSA 1/2" I.D. (12.7 mm) 4000 PSI WP (275 BAR) SAE 100R12 MSHA 2G-IC-11C/11														
3262151	16	-10	5/8	15,9	28,2	1,110	280	4000	1120	16000	102	4		
 10HPSA 5/8" I.D. (15.9 mm) 4000 PSI WP (275 BAR) SAE 100R12 MSHA 2G-IC-11C/11														
3262152	19	-12	3/4	19,1	31,5	1,240	280	4000	1120	16000	121	4,75		
 12HPSA 3/4" I.D. (19.1 mm) 4000 PSI WP (275 BAR) SAE 100R12 MSHA 2G-IC-11C/11														
3262153	25	-16	1	25,4	39,2	1,543	280	4000	1120	16000	153	6		
 16HPSA 1" I.D. (25.4 mm) 4000 PSI WP (275 BAR) SAE 100R12 MSHA 2G-IC-11C/11														
3262154	31	-20	1 1/4	31,8	48,6	1,913	210	3000	840	12000	210	8,25		
 20HPSA 1-1/4" I.D. (31.8 mm) 3000 PSI WP (207 BAR) SAE 100R12 MSHA 2G-IC-11C/11														
3262155	38	-24	1 1/2	38,1	55	2,165	175	2500	700	10000	254	10		
 24HPSA 1-1/2" I.D. (38.1 mm) 2500 PSI WP (172 BAR) SAE 100R12 MSHA 2G-IC-11C/11														
3262156	51	-32	2	50,8	68,3	2,689	175	2500	700	10000	318	12,5		
 32HPSA 2" I.D. (50.8 mm) 2500 PSI WP (172 BAR) SAE 100R12 MSHA 2G-IC-11C/11														

This hose fits with R12 couplings

R12 SAE 100 R12 MSHA "AAR" (Advanced Abrasion Resistance)

Applicable Standard

SAE J517 100 R12

Liner

Oil resistant synthetic rubber

Reinforcement

Four spirals of high tensile steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved, advanced abrasion resistance

Application

High pressure hydraulic lines

Temperature

Hydraulics Oils: from -40°C to 121°C (from -40°F to 250°F)

Water Glycol Hydraulic Fluids: from 0°C to 93°C (from 32°F to 199°F)

Water: from 0°C to 93°C (from 32°F to 199°F)

Air:



	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3262184	10	-6	3/8	9,5	21	0,827	280	4000	1120	16000	64	2,5		
ANCHOR 6HPSAAR 3/8" I.D. (9.5 mm) 4000 PSI WP (275 BAR) SAE 100R12 MSHA IC-101/14														
3262185	12	-8	1/2	12,7	24,6	0,969	280	4000	1120	16000	89	3,5		
ANCHOR 8HPSAAR 1/2" I.D. (12.7 mm) 4000 PSI WP (275 BAR) SAE 100R12 MSHA IC-101/14														
3262186	16	-10	5/8	15,9	28,2	1,110	280	4000	1120	16000	102	4		
ANCHOR 10HPSAAR 5/8" I.D. (15.9 mm) 4000 PSI WP (275 BAR) SAE 100R12 MSHA IC-101/14														
3262187	19	-12	3/4	19,1	31,5	1,240	280	4000	1120	16000	121	4,75		
ANCHOR 12HPSAAR 3/4" I.D. (19.1 mm) 4000 PSI WP (275 BAR) SAE 100R12 MSHA IC-101/14														
3262188	25	-16	1	25,4	39,2	1,543	280	4000	1120	16000	153	6		
ANCHOR 16HPSAAR 1" I.D. (25.4 mm) 4000 PSI WP (275 BAR) SAE 100R12 MSHA IC-101/14														

This hose fits with R12 couplings

R13 SAE 100 R13 PLUS

Applicable Standard

SAE J517 100 R13

Liner

Oil resistant synthetic rubber

Reinforcement

Four or six spirals of high tensile steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved

Application

High pressure hydraulic lines

Temperature

Hydraulics Oils: from -40°C to 121°C (from -40°F to 250°F)

Water Glycol Hydraulic Fluids:

Water:

Air:



	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3262157	19	-12	3/4	19,1	33,3	1,311	345	5000	1380	20000	120	4,75	15,9	1,07
12R13HP 3/4" I.D. (19.1 mm) 5000 PSI WP (34\5 BAR) SAE 100R13 MSHA 2G-IC-11C/11														
3262158	25	-16	1	25,4	39,8	1,567	345	5000	1380	20000	157	6	22	1,48
16R13HP 1" I.D. (25.4 mm) 5000 PSI WP (345 BAR) SAE 100R13 MSHA 2G-IC-11C/11														
3262159	31	-20	1 1/4	31,8	51,3	2,020	345	5000	1380	20000	210	8,25	40,6	2,73
20R13HP 1-1/4" I.D. (31.8 mm) 5000 PSI WP (345 BAR) SAE 100R13 MSHA 2G-IC-11C/11														
3262160	38	-24	1 1/2	38,1	58,8	2,315	345	5000	1380	20000	255	10	52,8	3,55
24R13HP 1-1/2" I.D. (38.1 mm) 5000 PSI WP (345 BAR) SAE 100R13 MSHA 2G-IC-11C/11														
3262161	51	-32	2	50,8	72,7	2,862	345	5000	1380	20000	635	25	79,5	5,34
32R13HP 2" I.D. (50.8 mm) 5000 PSI WP (345 BAR) SAE 100R13 MSHA 2G-IC-11C/11														

This hose fits with R13 couplings

R15 SAE 100 R15 PLUS

Applicable Standard

SAE J517 100 R15

Liner

Oil resistant synthetic rubber

Reinforcement

Four or six spirals of high tensile steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved

Application

High pressure hydraulic lines

Temperature

Hydraulics Oils: from -40°C to 121°C (from -40°F to 250°F)

Water Glycol Hydraulic Fluids: from 0°C to 93°C (from 32°F to 199°F)

Water: from 0°C to 93°C (from 32°F to 199°F)

Air:



	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3262162	10	-6	3/8	9,5	20,5	0,807	415	6000	1660	24000	76	3	5,5	0,37
6MCSM 3/8" I.D. (9.5 mm) 6000 PSI WP (414 BAR) SAE 100R15 MSHA 2G-IC-11C/11														
3262163	12	-8	1/2	12,7	24,1	0,949	415	6000	1660	24000	101	4	7,9	0,53
8MCSM 1/2" I.D. (12.7 mm) 6000 PSI WP (414 BAR) SAE 100R15 MSHA 2G-IC-11C/11														
3262164	16	-10	5/8	15,9	28,3	1,114	415	6000	1660	24000	114	4,5	10,9	0,73
10MCSM 5/8" I.D. (15.9 mm) 6000 PSI WP (414 BAR) SAE 100R15 MSHA 2G-IC-11C/11														
3262165	19	-12	3/4	19,1	31,5	1,240	415	6000	1660	24000	133	5,25	15,9	1,07
12MCSM 3/4" I.D. (19.1 mm) 6000 PSI WP (414 BAR) SAE 100R15 MSHA 2G-IC-11C/11														
3262166	25	-16	1	25,4	39,9	1,571	415	6000	1660	24000	165	6,5	21,6	1,45
16MCSM 1" I.D. (25.4 mm) 6000 PSI WP (414 BAR) SAE 100R15 MSHA 2G-IC-11C/11														

This hose fits with R15 couplings

R15 SAE 100 R15 "AAR" (Advanced Abrasion Resistance)

Applicable Standard

SAE J517 100 R15

Liner

Oil resistant synthetic rubber

Reinforcement

Four or six spirals of high tensile steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved, advanced abrasion resistance

Application

High pressure hydraulic lines

Temperature

Hydraulics Oils: from -40°C to 121°C (from -40°F to 250°F)

Water Glycol Hydraulic Fluids: from 0°C to 93°C (from 32°F to 199°F)

Water: from 0°C to 93°C (from 32°F to 199°F)

Air:



	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3262192	10	-6	3/8	9,5	20,5	0,807	415	6000	1660	24000	76	3	5,5	0,37
6MCSMAR 3/8" I.D. (9.5 mm) 6000 PSI WP (414 BAR) SAE 100R15 MSHA IC-101/14														
3262193	12	-8	1/2	12,7	24,1	0,949	415	6000	1660	24000	101	4	7,9	0,53
8MCSMAR 1/2" I.D. (12.7 mm) 6000 PSI WP (414 BAR) SAE 100R15 MSHA IC-101/14														
3262194	16	-10	5/8	15,9	28,3	1,114	415	6000	1660	24000	114	4,5	10,9	0,73
10MCSMAR 5/8" I.D. (15.9 mm) 6000 PSI WP (414 BAR) SAE 100R15 MSHA IC-101/14														
3262195	19	-12	3/4	19,1	31,5	1,240	415	6000	1660	24000	133	5,25	15,9	1,07
12MCSMAR 3/4" I.D. (19.1 mm) 6000 PSI WP (414 BAR) SAE 100R15 MSHA IC-101/14														
3262196	25	-16	1	25,4	39,9	1,571	415	6000	1660	24000	165	6,5	22	1,48
16MCSMAR 1" I.D. (25.4 mm) 6000 PSI WP (414 BAR) SAE 100R15 MSHA IC-101/14														

This hose fits with R15 couplings

Textile Braided Hose

APPLICATION: suction and return line on hydraulic systems;
medium pressure hydraulic lines.

R4 SAE 100 R4 PLUS

Applicable Standard

SAE J517 100 R4

Liner

Oil resistant synthetic rubber

Reinforcement

Textile reinforcement with helix steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved

Application

Suction and return line on hydraulic systems

Temperature

Hydraulics Oils: from -40°C to 135°C (from -40°F to 275°F)

Water Glycol Hydraulic Fluids: from 0°C to 85°C (from 32°F to 185°F)

Water: from 0°C to 85°C (from 32°F to 185°F)

Air:



3246814	19	-12	3/4	19,1	29,1	1,145	21	300	84	1200	65	2,5		
SAE 100 R4 19 Plus 3/4" +135°C WP 21 bar (305 psi) MSHA IC-XX/XXX														
3246815	25	-16	1	25,4	37,7	1,484	17	245	68	1000	75	3		
SAE 100 R4 25 Plus 1" +135°C WP 17 bar (245 psi) MSHA IC-XX/XXX														
3246816	31	-20	1 1/4	31,8	45,7	1,799	14	200	56	800	100	4		
SAE 100 R4 31 Plus 1 1/4" +135°C WP 14 bar (200 psi) MSHA IC-XX/XXX														
3623173	38	-24	1 1/2	38,1	52,8	2,079	10,5	150	42	600	130	5		
SAE 100 R4 38 Plus 1 1/2" +135°C WP 10.5 bar (150 psi) MSHA IC-XX/XXX														
3623174	51	-32	2	50,8	63,8	2,512	7	100	28	400	150	6		
SAE 100 R4 51 Plus 2" +135°C WP 7 bar (100 psi) MSHA IC-XX/XXX														

This hose fits with MN couplings

R6 SAE 100 R6 PLUS

Applicable Standard

SAE J517 100 R6

Liner

Oil resistant synthetic rubber

Reinforcement

One textile braid

Cover

Oil and weather resistant black synthetic rubber MSHA approved

Application

Medium pressure hydraulic lines

Temperature

Hydraulics Oils: from -40°C to 135°C (from -40°F to 275°F)

Water Glycol Hydraulic Fluids: from 0°C to 85°C (from 32°F to 185°F)

Water: from 0°C to 85°C (from 32°F to 185°F)

Air:



														
	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
4193386	5	-3	3/16	4,8	11,9	0,468	35	500	140	2000	50	2		
 SAE 100 R6 5 Plus 3/16" +135°C WP 35 bar (505 psi) MSHA IC-XX/XXX														
3663395	6	-4	1/4	6,4	13,3	0,523	28	400	112	1600	65	2,5		
 SAE 100 R6 6 Plus 1/4" +135°C WP 28 bar (405 psi) MSHA IC-XX/XXX														
4193385	8	-5	5/16	7,9	15,1	0,594	28	400	112	1600	75	3		
 SAE 100 R6 8 Plus 5/16" +135°C WP 28 bar (405 psi) MSHA IC-XX/XXX														
3663396	10	-6	3/8	9,5	16,7	0,657	28	400	112	1600	75	3	1,9	0,13
 SAE 100 R6 10 Plus 3/8" +135°C WP 28 bar (405 psi) MSHA IC-XX/XXX														
3663397	12	-8	1/2	12,7	20,4	0,803	28	400	112	1600	100	4		
 SAE 100 R6 12 Plus 1/2" +135°C WP 28 bar (405 psi) MSHA IC-XX/XXX														
4157930	16	-10	5/8	15,9	23,8	0,937	24	350	96	1400	125	5		
 SAE 100 R6 16 Plus 5/8" +135°C WP 24 bar (345 psi) MSHA IC-XX/XXX														
3663398	19	-12	3/4	19,1	27,8	1,094	21	300	84	1200	150	6		
 SAE 100 R6 19 Plus 3/4" +135°C WP 21 bar (305 psi) MSHA IC-XX/XXX														

This hose fits with JN couplings

Thermoplastic Hose

APPLICATION: medium pressure hydraulic lines; high pressure hydraulic lines.

R7 SAE 100 R7

Applicable Standard

SAE J517 100 R7

Liner

Thermoplastic elastomer

Reinforcement

One braid of synthetic fiber

Cover

Black polyurethane cover

Application

Medium pressure hydraulic lines

Temperature

Hydraulics Oils: from -40°C to 93,5°C (from -40°F to 200°F)

Water Glycol Hydraulic Fluids: from 0°C to 66°C (from 32°F to 151°F)

Water: from 0°C to 66°C (from 32°F to 151°F)

Air:



	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
AC_924278003	5	-3	3/16	4,8	11,4	0,448	210	3000	840	12000	45	1,75		
3TMA 3/16" I.D. (4.8mm) 3000 PSI WP (210 BAR) SAE 100R7 DATE SUP ID #														
AC_924278004	6	-4	1/4	6,4	13,7	0,539	192	2750	768	11000	50	2		
4TMA 1/4" I.D. (6.4mm) 2750 PSI WP (192 BAR) SAE 100R7 DATE SUP ID #														
AC_924278006	10	-6	3/8	9,5	17,2	0,677	157	2250	628	9000	63	2,5		
6TMA 3/8" I.D. (9.5mm) 2250 PSI WP (157 BAR) SAE 100R7 DATE SUP ID #														
AC_924278008	12	-8	1/2	12,7	21,5	0,846	140	2000	560	8000	90	3,5		
8TMA 1/2" I.D. (12.7mm) 2000 PSI WP (140 BAR) SAE 100R7 DATE SUP ID #														

This hose fits with JN couplings



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106 Industry Ct, Goldsboro, NC 27530 - USA



couplings



couplings

006 Anchor Coupling Codification

007 XN

Multi-use non-skive coupling for spiral hose

033 XN4

Multi-use non-skive coupling for large bore specific 4 wire spiral hose

043 R15

Skive-type coupling for SAE 100R15 hose

053 R13

Skive-type coupling for SAE 100R13 hose

065 R12

Skive-type coupling for SAE 100R12 hose

087 MN

Non-skive coupling for braided hose products

115 MH

Skive-type coupling for limited braided hose products

133 JN

Coupling used for SAE 100R14 and other limited hose products

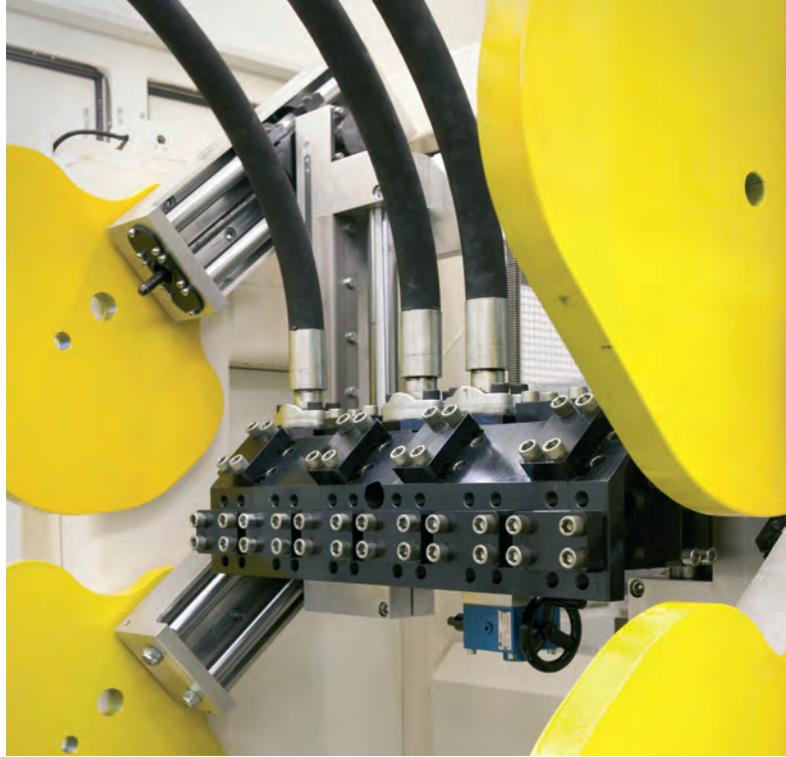
149 BN

ORFS female face seal



**ANCHOR BRANDED
PRODUCT IS
MANUFACTURED
FOLLOWING
HIGHEST
QUALITY
STANDARDS
AND PRODUCTION
SPECIFICATION**





XN

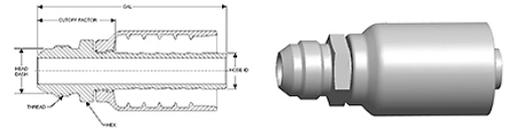
Multi-use non-skive coupling for spiral hose



JIC Male 37° Male Seat

Applicable Standard

JS16

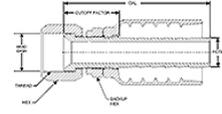


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3236201	6XN-6MJS	9/16 - 18	11/16		0	31,65	31,65	6			6	9,52
3236202	6XN-8MJS	3/4 - 16	3/4		0	35,71	35,71	8			6	9,52
3289131	8XN-8MJS	3/4 - 16	3/4		0	36,35	36,35	8			8	12,7
3289132	8XN-10MJS	7/8 - 14	7/8		0	35,56	35,56	10			8	12,7
3971945	10XN-10MJS	7/8 - 14	7/8		0	38	38	10			10	15,88
3971946	10XN-12MJS	1 1/16 - 12	1 1/8		0	41	41	12			10	15,88
4322040	12XN-12MJS	1 1/16 - 12	1 1/8		0	41,3	41,3	12			12	19,05
4322041	12XN-16MJS	1 5/16 - 12	1 3/8		0	47,2	47,2	16			12	19,05

JIC Female Swivel 37° Female Seat

Applicable Standard

JS16

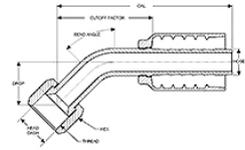


		T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS										
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm		
3236181	6XN-6FJS	9/16 - 18	11/16	3/4	0	19,96	19,96	6			6	9,52		
3236182	6XN-8FJS	3/4 - 16	7/8	3/4	0	21,74	21,74	8			6	9,52		
3289109	8XN-8FJS	3/4 - 16	7/8	7/8	0	22,38	22,38	8			8	12,7		
3289111	8XN-10FJS	7/8 - 14	1	7/8	0	23,65	23,65	10			8	12,7		
3971940	10XN-10FJS	7/8 - 14	1	1	0	47,4	47,4	10			10	15,88		
3971943	10XN-12FJS	1 1/16 - 12	1 1/4	1	0	48,1	48,1	12			10	15,88		
4322035	12XN-16FJS	1 5/16 - 12	1 1/2	1 1/8	0	40,4	40,4	16			12	19,05		
4322028	12XN-12FJS	1 1/16 - 12	1 1/4	1 1/8	0	36,2	36,2	12			12	19,05		

JIC Female Swivel 37° Female Seat, 45°

Applicable Standard

JS16

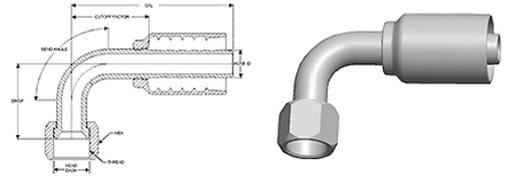


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3236183	6XN-6TNS 45	9/16 - 18	11/16		9,91	36,47	36,47	6			6	9,52
3236184	6XN-6TN 45	9/16 - 18	11/16		14,99	41,55	41,55	6			6	9,52
3236186	6XN-8TNS 45	3/4 - 16	7/8		13,97	40,54	40,54	8			6	9,52
3236187	6XN-8TN 45	3/4 - 16	7/8		17,53	44,09	44,09	8			6	9,52
3289113	8XN-8TNS 45	3/4 - 16	7/8		13,97	43,97	43,97	8			8	12,7
3289114	8XN-8TN 45	3/4 - 16	7/8		17,53	47,52	47,52	8			8	12,7
3289116	8XN-10TNS 45	7/8 - 14	1		16,26	46,25	46,25	10			8	12,7
3289117	8XN-10TN 45	7/8 - 14	1		22,35	52,35	52,35	10			8	12,7
3971941	10XN-10TN 45	7/8 - 14	1		22,25	58,2	58,2	10			10	15,88
4322036	12XN-16TN 45	1 5/16 - 12	1 1/2		26,9	65,4	65,4	16			12	19,05
4322029	12XN-12TN 45	1 1/16 - 12	1 1/4		32	70,5	70,5	12			12	19,05

JIC Female Swivel 37° Female Seat, 90°

Applicable Standard

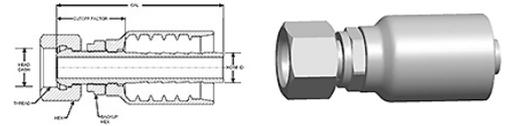
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3236189	6XN-6TNS 90	9/16 - 18	11/16		21,84	33,93	33,93	6		6		9,52
3236190	6XN-6TN 90	9/16 - 18	11/16		38,1	33,93	33,93	6		6		9,52
3236191	6XN-6TNSL 90	9/16 - 18	11/16		55,63	33,93	33,93	6		6		9,52
3236195	6XN-8TNS 90	3/4 - 16	7/8		27,69	33,93	33,93	8		6		9,52
3236196	6XN-8TN 90	3/4 - 16	7/8		35,05	33,93	33,93	8		6		9,52
3236197	6XN-8TNSL 90	3/4 - 16	7/8		63,5	33,93	33,93	8		6		9,52
3289119	8XN-8TNS 90	3/4 - 16	7/8		27,69	39,4	39,4	8		8		12,7
3289120	8XN-8TN 90	3/4 - 16	7/8		35,05	39,4	39,4	8		8		12,7
3289121	8XN-8TNSL 90	3/4 - 16	7/8		63,5	39,4	39,4	8		8		12,7
3289125	8XN-10TNS 90	7/8 - 14	1		31,24	39,4	39,4	10		8		12,7
3289126	8XN-10TN 90	7/8 - 14	1		44,45	39,4	39,4	10		8		12,7
3289127	8XN-10TNSL 90	7/8 - 14	1		77,72	39,4	39,4	10		8		12,7
3971942	10XN-10TN 90	7/8 - 14	1		47	47,1	47,1	10		10		15,88
3971944	10XN-12TN 90	1 1/16 - 12	1 1/4		52,25	47,1	47,1	12		10		15,88
4322037	12XN-16TN 90	1 5/16 - 12	1 1/2		63,5	53,4	53,4	16		12		19,05
4322038	12XN-16TNSL 90	1 5/16 - 12	1 1/2		79,75	53,4	53,4	16		12		19,05
4322031	12XN-12TNS 90	1 1/16 - 12	1 1/4		46,25	53,4	53,4	12		12		19,05
4322032	12XN-12TN 90	1 1/16 - 12	1 1/4		52,3	53,4	53,4	12		12		19,05
4322034	12XN-12TNSL 90	1 1/16 - 12	1 1/4		92	53,4	53,4	12		12		19,05

JIS Female Swivel Parallel Pipe w/ Spherical Male Seat

Applicable Standard

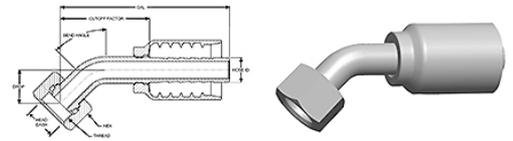


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc	
			DIMENSIONS										

part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3236221	6XN-6GUO	3/8 - 19	7/8	3/4	0	22,25	22,25	6			6	9,52
3236223	6XN-8GUO	1/2 - 14	1 1/16	3/4	0	23,01	23,01	8			6	9,52
3289171	8XN-8GUO	1/2 - 14	1 1/16	7/8	0	23,11	23,11	8			8	12,7
3971961	10XN-12GUO	3/4 - 14	1 1/4	1	0	36	36	12			10	15,88
3971960	10XN-10GUO	5/8 - 14	1 3/16	1	0	36	36	10			10	15,88

JIS Female Swivel Parallel Pipe w/ Spherical Male Seat, 45°

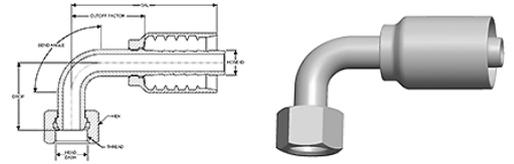
Applicable Standard



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3236224	6XN-6GUO 45	3/8 - 19	7/8		20,07	46,63	46,63	6			6	9,52
3289172	8XN-8GUO 45	1/2 - 14	1 1/16		20,07	50,29	50,29	8			8	12,7
4162091	10XN-10GUO 45	5/8 - 14	1 3/16		21,6	57,5	57,5	10			10	15,88

JIS Female Swivel Parallel Pipe w/ Spherical Male Seat, 90°

Applicable Standard

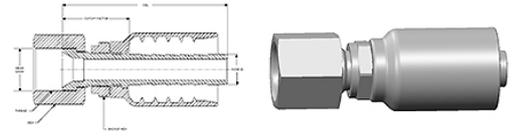


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3236225	6XN-6GUO 90	3/8 - 19	7/8		37,08	33,93	33,93	6			6	9,52
3289173	8XN-8GUO 90	1/2 - 14	1 1/16		38,1	39,37	39,37	8			8	12,7
4162093	10XN-10GUO 90	5/8 - 14	1 3/16		43,7	47,1	47,1	10			10	15,88

JIS (Komatsu Style) Metric Swivel 30° Female Seat

Applicable Standard

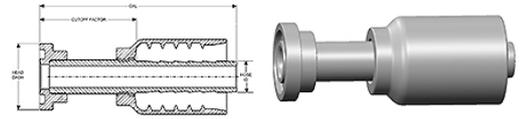
JIS



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3236228	6XN-6FJSK	M18 - 1,5	7/8	3/4	0	20,98	20,98	M18			6	9,52
3289175	8XN-8FJSK	M22 - 1,5	1 1/16	7/8	0	20,6	20,6	M22			8	12,7
3971956	10XN-10FJSK	M24 - 1,5	1 1/4	1	0	35,3	35,3	M24			10	15,88

Komatsu Flange

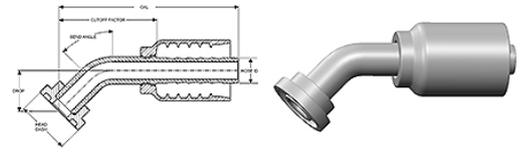
Applicable Standard



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3289167	8XN-10SFK				0	49,55	49,55	10	34,1	5/8	8	12,7
3971966	10XN-10SFK				0	49,7	49,7	10	34,1	5/8	10	15,88

Komatsu Flange, 45°

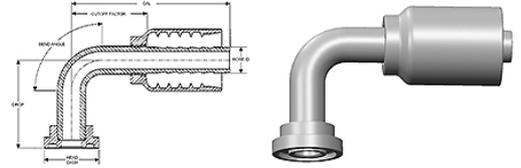
Applicable Standard



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
  DIMENSIONS  												
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3289168	8XN-10SFK 45				21,08	51,08	51,08	10	34,1	5/8	8	12,7
4162094	10XN-10SFK 45				25,9	61,8	61,8	10	34,1	5/8	10	15,88

Komatsu Flange, 90°

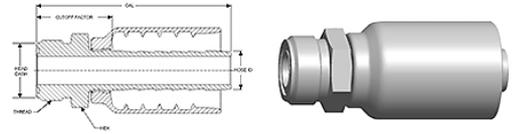
Applicable Standard



		T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
					DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm		
3289170	8XN-10SFK 90				41,15	39,4	39,4	10	34,1	5/8	8	12,7		
3971967	10XN-10SFK 90				55,1	47,1	47,1	10	34,1	5/8	10	15,88		

ORFS Male Face Seal

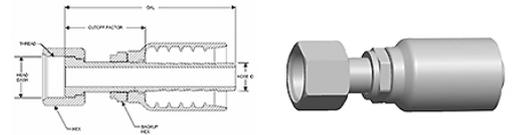
Applicable Standard



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3236174	6XN-6MFS	11/16 - 16	3/4		0	27,94	27,94	6		6		9,52
3236175	6XN-8MFS	13/16 - 16	7/8		0	30,48	30,48	8		6		9,52
3289108	8XN-8MFS	13/16 - 16	7/8		0	31,02	31,02	8		8		12,7
3313273	8XN-10MFS	1 - 14	1 1/16		0	33,81	33,81	10		8		12,7
3971933	10XN-10MFS	1 - 14	1 1/16		0	35,4	35,4	10		10		15,88
3971936	10XN-12MFS	1 3/16 - 12	1 1/4		0	54,9	54,9	12		10		15,88
4322025	12XN-12MFS	1 3/16 - 12	1 1/4		0	37,4	37,4	12		12		19,05

ORFS Female Face Seal

Applicable Standard
JS16

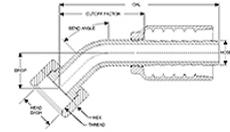


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3236157	6XN-6FFS	11/16 - 16	13/16	3/4	0	27,68	27,68	6		6		9,52
3236158	6XN-8FFS	13/16 - 16	15/16	3/4	0	31,75	31,75	8		6		9,52
3289090	8XN-8FFS	13/16 - 16	15/16	7/8	0	32,29	32,29	8		8		12,7
3289091	8XN-10FFS	1 - 14	1 1/8	7/8	0	34,57	34,57	10		8		12,7
3971924	10XN-10FFS	1 - 14	1 1/8	1	0	46	46	10		10		15,88
3971937	10XN-12FFS	1 3/16 - 12	1 3/8	1	0	48,3	48,3	12		10		15,88
4322008	12XN-12FFS	1 3/16 - 12	1 3/8	1 1/8	0	49,9	49,9	12		12		19,05
4322019	12XN-16FFS	1 7/16 - 12	1 5/8	1 1/8	0	50,9	50,9	16		12		19,05

ORFS Female Face Seal, 45°

Applicable Standard

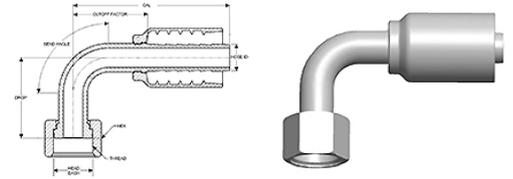
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3236160	6XN-6FFS 45	11/16 - 16	13/16		10,92	37,59	37,59	6			6	9,52
3236163	6XN-8FFS 45	13/16 - 16	15/16		14,99	41,65	41,65	8			6	9,52
3289093	8XN-8FFS 45	13/16 - 16	15/16		14,99	45,24	45,24	8			8	12,7
3289095	8XN-10FFS 45	1 - 14	1 1/8		16,51	46,51	46,51	10			8	12,7
3971927	10XN-10FFS 45	1 - 14	1 1/8		16	51,9	51,9	10			10	15,88
4446447	10XN-12FFS 45	1 3/16 - 12	1 3/8		36	71,9	71,9	12			10	15,88
4322013	12XN-12FFS 45	1 3/16 - 12	1 3/8		21,1	59,6	59,6	12			12	19,05
4322020	12XN-16FFS 45	1 7/16 - 12	1 5/8		23,9	50,9	50,9	16			12	19,05

ORFS Female Face Seal, 90°

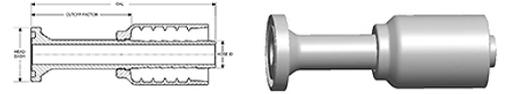
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3236164	6XN-6FFSS 90	11/16 - 16	13/16		22,86	34,03	34,03	6			6	9,52
3236165	6XN-6FFS 90	11/16 - 16	13/16		38,1	34,03	34,03	6			6	9,52
3236166	6XN-6FFSL 90	11/16 - 16	13/16		54,1	34,03	34,03	6			6	9,52
3236170	6XN-8FFSS 90	13/16 - 16	15/16		28,96	34,03	34,03	8			6	9,52
3236171	6XN-8FFS 90	13/16 - 16	15/16		40,89	34,03	34,03	8			6	9,52
3236172	6XN-8FFSL 90	13/16 - 16	15/16		64,01	34,03	34,03	8			6	9,52
3289097	8XN-8FFSS 90	13/16 - 16	15/16		29,21	39,4	39,4	8			8	12,7
3289098	8XN-8FFS 90	13/16 - 16	15/16		41,15	39,4	39,4	8			8	12,7
3289099	8XN-8FFSL 90	13/16 - 16	15/16		63,75	39,4	39,4	8			8	12,7
3289103	8XN-10FFSS 90	1 - 14	1 1/8		32,26	39,4	39,4	10			8	12,7
3289104	8XN-10FFS 90	1 - 14	1 1/8		46,99	39,6	39,6	10			8	12,7
3289105	8XN-10FFSL 90	1 - 14	1 1/8		70,1	39,6	39,6	10			8	12,7
3971929	10XN-10FFSS 90	1 - 14	1 1/8		32	47,1	47,1	10			10	15,88
3971930	10XN-10FFS 90	1 - 14	1 1/8		47	47,1	47,1	10			10	15,88
3971931	10XN-10FFSL 90	1 - 14	1 1/8		53	47,1	47,1	10			10	15,88
3971938	10XN-12FFS 90	1 3/16 - 12	1 3/8		47	47,1	47,1	12			10	15,88
4322015	12XN-12FFSS 90	1 3/16 - 12	1 3/8		47,75	53,4	53,4	12			12	19,05
4322016	12XN-12FFS 90	1 3/16 - 12	1 3/8		58	53,4	53,4	12			12	19,05
4322017	12XN-12FFSL 90	1 3/16 - 12	1 3/8		96	53,4	53,4	12			12	19,05
4322021	12XN-16FFS 90	1 7/16 - 12	1 5/8		56,1	53,4	53,4	16			12	19,05

SAE Code 61 Flange

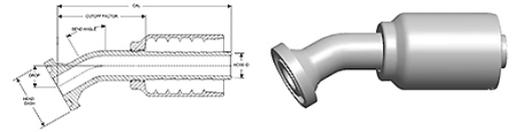
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3236214	6XN-8SF				0	45,11	45,11	8	30,2	1/2	6	9,52
3289137	8XN-8SF				0	49,55	49,55	8	30,2	1/2	8	12,7
3289138	8XN-12SF				0	49,55	49,55	12	38,1	3/4	8	12,7
4322070	12XN-12SF				0	70,2	70,2	12	38,1	3/4	12	19,05
4322083	12XN-16SF				0	70,2	70,2	16	44,5	1	12	19,05

SAE Code 61 Flange, 30°

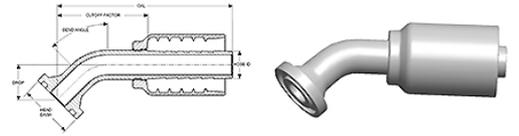
Applicable Standard
JS16



		T	nom. fl. sz. dash sz.		L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
					DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm		
3289141	8XN-8SF 30				12,45	49,28	49,28	8	30,2	1/2	8	12,7		
4322072	12XN-12SF 30				15	60,8	60,8	12	38,1	3/4	12	19,05		
4322085	12XN-16SF 30				15	60,8	60,8	16	44,5	1	12	19,05		

SAE Code 61 Flange, 45°

Applicable Standard
JS16



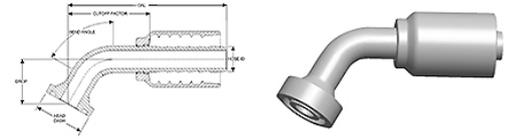
T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
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		DIMENSIONS						
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part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3236215	6XN-8SF 45				17,53	44,09	44,09	8	30,2	1/2	6	9,52
3289143	8XN-8SF 45				19,81	50,04	50,04	8	30,2	1/2	8	12,7
3289144	8XN-12SF 45				19,81	49,28	49,28	12	38,1	3/4	8	12,7
4322073	12XN-12SF 45				24,5	63	63	12	38,1	3/4	12	19,05
4322086	12XN-16SF 45				24,5	63	63	16	44,5	1	12	19,05

SAE Code 61 Flange, 60°

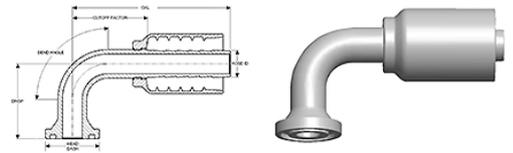
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3289147	8XN-8SF 60				27,43	48,54	48,54	8	30,2	1/2	8	12,7
4322074	12XN-12SF 60				34,5	62,6	62,6	12	38,1	3/4	12	19,05
4322087	12XN-16SF 60				34,5	62,6	62,6	16	44,5	1	12	19,05

SAE Code 61 Flange, 90°

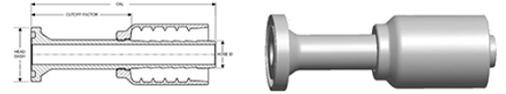
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3236217	6XN-8SF 90				40,89	33,93	33,93	8	30,2	1/2	6	9,52
3289152	8XN-8SF 90				41,15	39,37	39,37	8	30,2	1/2	8	12,7
3289154	8XN-12SF 90				41,15	39,37	39,37	12	38,1	3/4	8	12,7
4322076	12XN-12SF 90				53,5	53,4	53,4	12	38,1	3/4	12	19,05
4322077	12XN-12SF 90				95,5	53,4	53,4	12	38,1	3/4	12	19,05
4322078	12XN-12SF 90				127	53,4	53,4	12	38,1	3/4	12	19,05
4322089	12XN-16SF 90				53,5	53,4	53,4	16	44,5	1	12	19,05
4322090	12XN-16SF 90				79	53,4	53,4	16	44,5	1	12	19,05

SAE Code 62 Flange

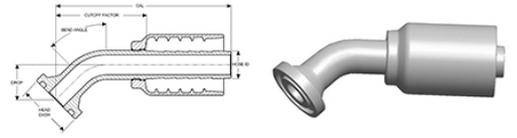
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3236218	6XN-8SFX				0	45,11	45,11	8	31,8	1/2	6	9,52
3289161	8XN-8SFX				0	52,6	52,6	8	31,8	1/2	8	12,7
3289162	8XN-12SFX				0	52,6	52,6	12	41,3	3/4	8	12,7
3971952	10XN-12SFX				0	53,7	53,7	12	41,3	3/4	10	15,88
4322099	12XN-12SFX				0	75,9	75,9	12	41,3	3/4	12	19,05

SAE Code 62 Flange, 45°

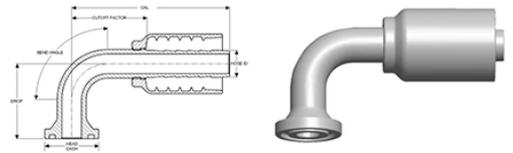
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3289163	8XN-8SFX 45				22,1	52,1	52,1	8	31,8	1/2	8	12,7
3971953	10XN-12SFX 45				24,4	60,3	60,3	12	41,3	3/4	10	15,88
4322100	12XN-12SFX 45				28,5	67	67	12	41,3	3/4	12	19,05
4322102	12XN-16SFX 45				29	67,5	67,5	16	47,6	1	12	19,05

SAE Code 62 Flange, 90°

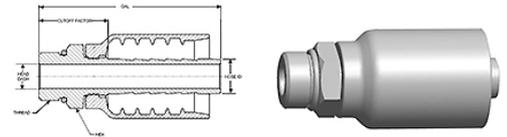
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3236220	6XN-8SFX 90				44,45	33,93	33,93	8	31,8	1/2	6	9,52
3289164	8XN-8SFX 90				44,45	39,4	39,4	8	31,8	1/2	8	12,7
3971954	10XN-12SFX 90				47,75	47,1	47,1	12	41,3	3/4	10	15,88
4322101	12XN-12SFX 90				55,1	53,4	53,4	12	41,3	3/4	12	19,05
4322103	12XN-16SFX 90				59,4	53,4	53,4	16	47,6	1	12	19,05

STOR SAE Male Straight Thread O-Ring

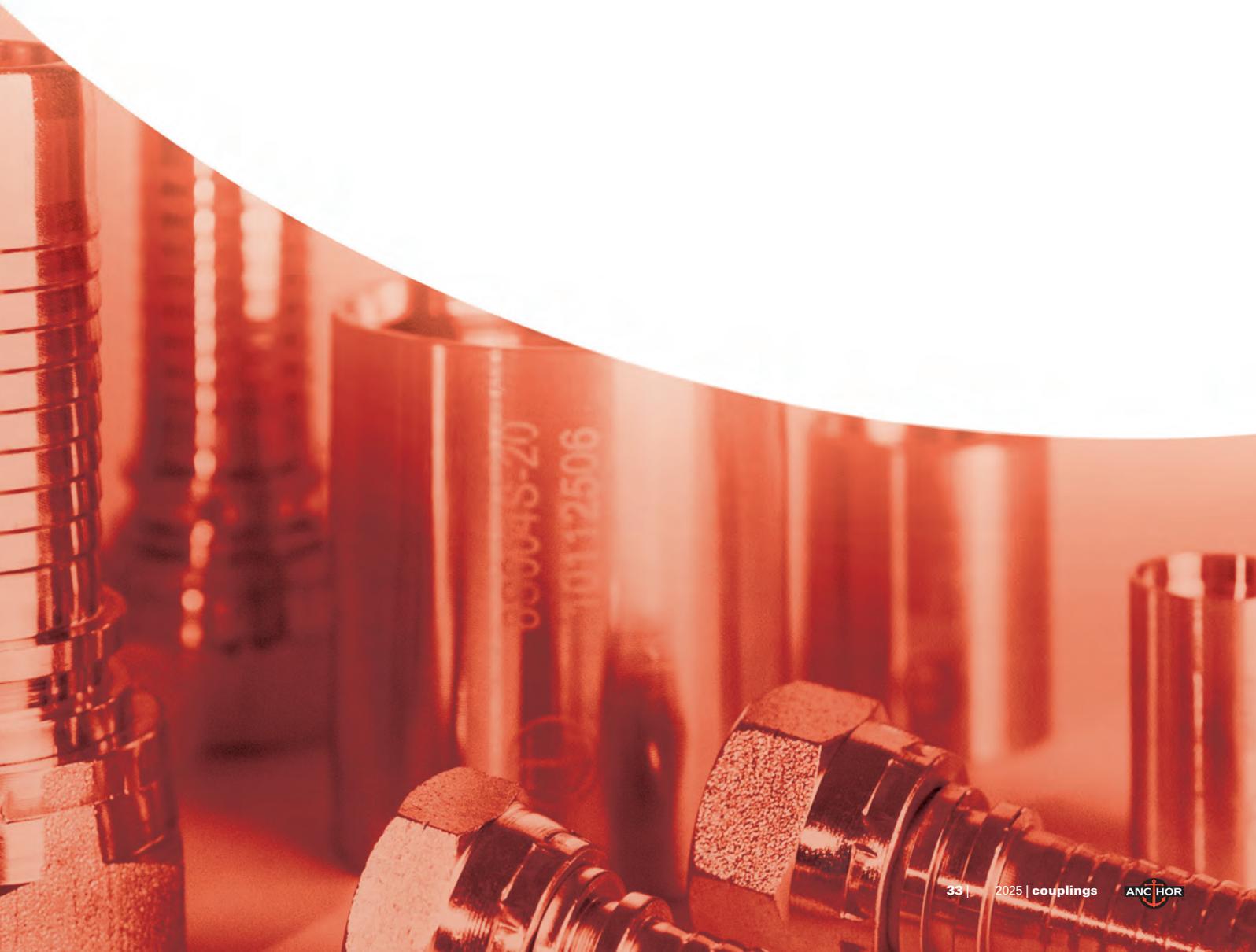
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3236212	6XN-6BMSO	9/16 - 18	11/16		0	25,81	25,81	6			6	9,52
3236213	6XN-8BMSO	3/4 - 16	7/8		0	30,12	30,12	8			6	9,52
3289136	8XN-8BMSO	3/4 - 16	7/8		0	30,7	30,7	8			8	12,7
4162095	10XN-10BMSO	7/8 - 14	1		0	31,6	31,6	10			10	15,88

XN4

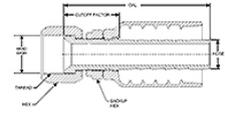
Multi-use non-skive coupling for large bore specific 4 wire spiral hose



JIC Female Swivel 37° Female Seat

Applicable Standard

JS16

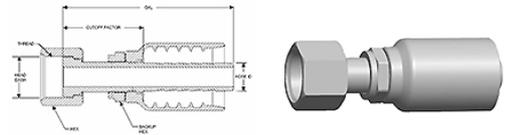


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
4235103	24XN4-24FJS	1 7/8 - 12	2 1/4	2 1/4	0	55,1	55,1	24			24	38,1

ORFS Female Face Seal

Applicable Standard

JS16

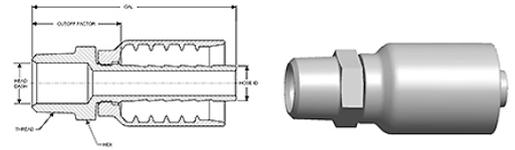


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
4235099	24XN4-24FFS	2 - 12	2 1/4	2 1/4	0	63,1	63,1	24			24	38,1

SAE Male Pipe Rigid 30° Female Seat

Applicable Standard

JS16



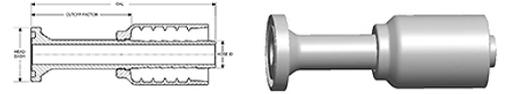
T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
DIMENSIONS												

part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
4235109	24XN4-24MS	1 1/2 - 11,5	2		0	55,9	55,9	24			24	38,1

SAE Code 61 Flange

Applicable Standard

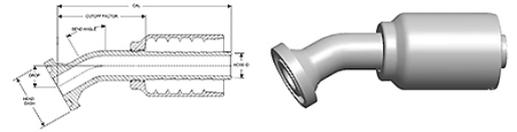
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
4235071	24XN4-24SF				0	64,9	64,9	24	60,3	1 1/2	24	38,1
4235073	24XN4-32SF				0	64,9	64,9	32	71,4	2	24	38,1

SAE Code 61 Flange, 30°

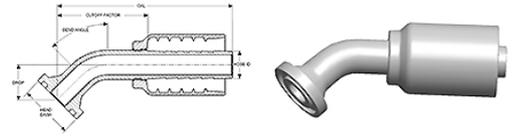
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
4235076	24XN4-24SF 30				21,25	105,1	105,1	24	60,3	1 1/2	24	38,1
4235077	24XN4-32SF 30				21,25	105,1	105,1	32	71,4	2	24	38,1

SAE Code 61 Flange, 45°

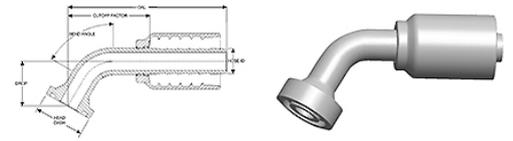
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc	
part #	description		thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
4235080	24XN4-24SF 45					35	111,1	111,1	24	60,3	1 1/2	24	38,1
4235083	24XN4-32SF 45					35	111,1	111,1	32	71,4	2	24	38,1

SAE Code 61 Flange, 60°

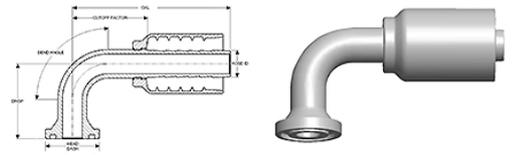
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
4235084	24XN4-24SF 60				50	113,6	113,6	24	60,3	1 1/2	24	38,1
4235085	24XN4-32SF 60				50	113,6	113,6	32	71,4	2	24	38,1

SAE Code 61 Flange, 90°

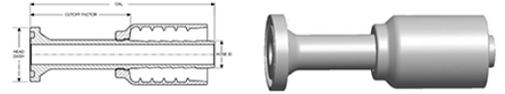
Applicable Standard
JS16



		T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
					DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm		
4235089	24XN4-24SF 90				79,25	105,9	105,9	24	60,3	1 1/2	24	38,1		
4235092	24XN4-32SF 90				79,25	105,9	105,9	32	71,4	2	24	38,1		

SAE Code 62 Flange

Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									

part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
4235115	24XN4-24SFX				0	64,9	64,9	24	60,3	1 1/2	24	38,1

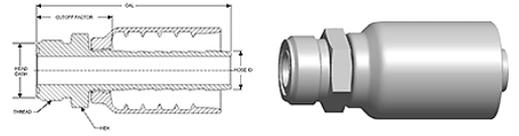
R15

Skive-type coupling for SAE 100R15 hose



ORFS Male Face Seal

Applicable Standard

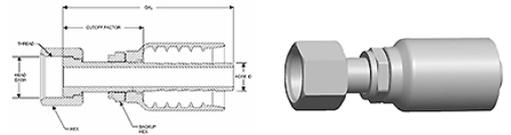


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
  DIMENSIONS  												
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3647448	16MCSM-16MFS	1 7/16 - 12	1 1/2		0	47,5	47,5	16			16	25,4

ORFS Female Face Seal

Applicable Standard

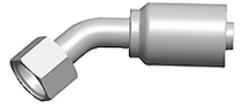
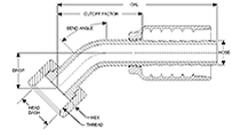
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
  DIMENSIONS  												
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1530865	16XT6-16FFS	1 7/16 - 12	1 5/8	1 1/4	0	45,47	45,47	16			16	25,4

ORFS Female Face Seal, 45°

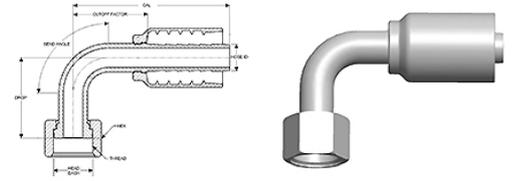
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1530867	16XT6-16FFS 45	1 7/16 - 12	1 5/8		32,26	85,6	85,6	16			16	25,4

ORFS Female Face Seal, 90°

Applicable Standard
JS16

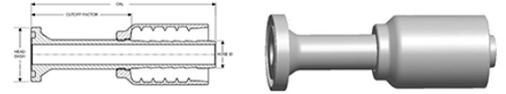


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1530869	16XT6-16FFS 90	1 7/16 - 12	1 5/8		68,07	78,49	78,49	16			16	25,4
1530871	16XT6-16FFSL 90	1 7/16 - 12	1 5/8		128	78,35	78,35	16			16	25,4

SAE Code 62 Flange

Applicable Standard

JS16

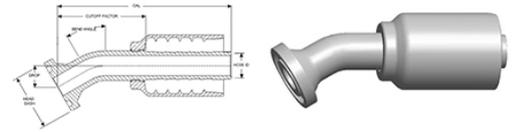


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
DIMENSIONS												
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2603757	16MCSM-16SFX				0	91,95	91,95	16	47,6	1	16	25,4

SAE Code 62 Flange, 30°

Applicable Standard

JS16

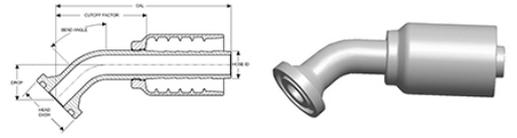


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									

part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
4309173	16MCSM-16SFX 30				17,78	72,64	72,64	16	47,6	1	16	25,4

SAE Code 62 Flange, 45°

Applicable Standard
JS16

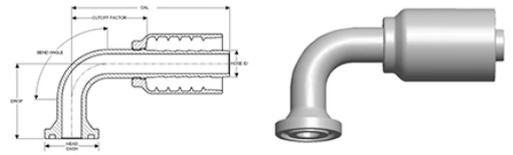


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2603759	16MCSM-16SFX 45				29,21	76,45	76,45	16	47,6	1	16	25,4

SAE Code 62 Flange, 90°

Applicable Standard

JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2603761	16MCSM-16SFX90				63,5	69,6	69,6	16	47,6	1	16	25,4

R13

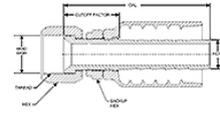
Skive-type coupling for SAE 100R13 hose



JIC Female Swivel 37° Female Seat

Applicable Standard

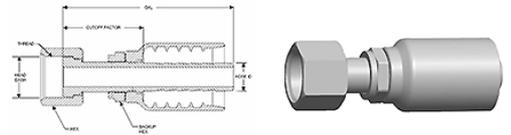
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc	
			DIMENSIONS										
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm	
2210463	16XT5-16FJS	1 5/16 - 12	1 5/8	1 1/4	0	45,09	45,09	16			16	25,4	
2210462	20MCSH-20FJS	1 5/8 - 12	2	2	0	56,39	56,39	20			20	31,75	

ORFS Female Face Seal

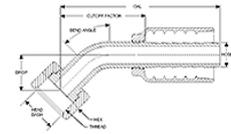
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
7X1437	16XT5-16FFS	1 7/16 - 12	1 5/8	1 1/4	0	44,79	44,79	16			16	25,4
2210477	20MCSH-20FFS	1 11/16 - 12	2	2	0	65,79	65,79	20			20	31,75

ORFS Female Face Seal, 45°

Applicable Standard
JS16

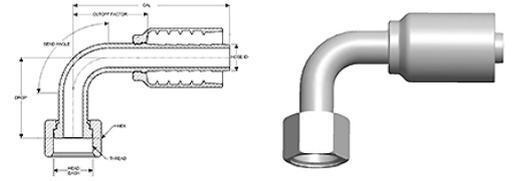


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									

part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
7X4817	16XT5-16FFS 45	1 7/16 - 12	1 5/8		32	100,79	100,79	16			16	25,4

ORFS Female Face Seal, 90°

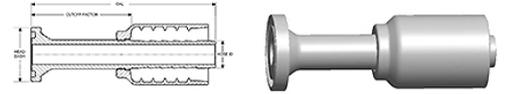
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2787490	16MCSH-16FFSS 90	1 7/16 - 12	1 5/8		56,13	92,33	92,33	16			16	25,4
7X4818	16XT5-16FFS 90	1 7/16 - 12	1 5/8		68	62,79	62,79	16			16	25,4
7X4819	16XT5-16FFSL 90	1 7/16 - 12	1 5/8		128	62,79	62,79	16			16	25,4
2787511	20MCSH-20FFSS 90	1 11/16 - 12	1 7/8		63,8	92,7	92,7	20			20	31,75

SAE Code 61 Flange

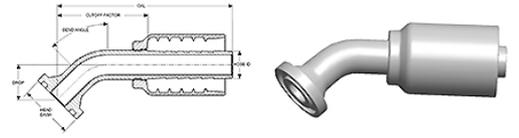
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2742231	16MCSH-16SF				0	58,29	58,29	16	44,5	1	16	25,4
2210586	20XT5-20SF				0	87,63	87,63	20	50,8	1 1/4	20	31,75

SAE Code 61 Flange, 45°

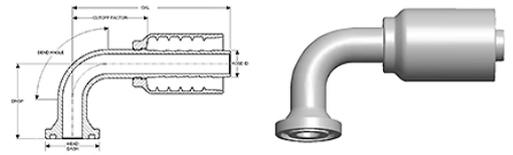
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
DIMENSIONS												
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2742232	16MCSH-16SF 45				29,21	95,89	95,89	16	44,5	1	16	25,4
2210592	20XT5-20SF 45				35,56	112,3	112,3	20	50,8	1 1/4	20	31,75

SAE Code 61 Flange, 90°

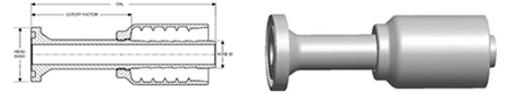
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2742233	16MCSH-16SF 90				63,5	92,08	92,08	16	44,5	1	16	25,4
2210595	20XT5-20SF 90				76,2	109,73	109,73	20	50,8	1 1/4	20	31,75

SAE Code 62 Flange

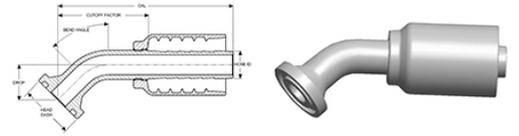
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkg_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2742205	16MCSH-16SFX				0	85,98	85,98	16	47,6	1	16	25,4
2742208	16MCSH-20SFX				0	61,6	61,6	20	54	1 1/4	16	25,4
2742211	20MCSH-20SFX				0	75,69	75,69	20	54	1 1/4	20	31,75
2742217	24MCSH-24SFX				0	99,91	99,91	24	63,5	1 1/2	24	38,1
2547364	32MCSH-32SFX				0	114,89	114,89	32	79,4	2	32	50,8

SAE Code 62 Flange, 45°

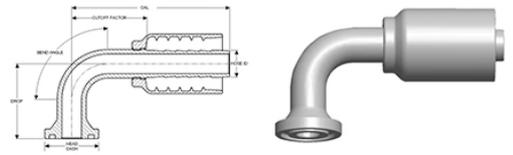
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2742206	16MCSH-16SFX 45				29,21	95,89	95,89	16	47,6	1	16	25,4
2742209	16MCSH-20SFX 45				31,24	98,17	98,17	20	54	1 1/4	16	25,4
2742212	20MCSH-20SFX 45				35,56	115,82	115,82	20	54	1 1/4	20	31,75
2742218	24MCSH-24SFX 45				43,94	136,74	136,74	24	63,5	1 1/2	24	38,1
2547365	32MCSH-32SFX 45				56,39	173,56	173,56	32	79,4	2	32	50,8

SAE Code 62 Flange, 90°

Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
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				DIMENSIONS						
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part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2742207	16MCSH-16SFX 90				63,5	92,08	92,08	16	47,6	1	16	25,4
2742210	16MCSH-20SFX 90				66,55	92,08	92,08	20	54	1 1/4	16	25,4
2742213	20MCSH-20SFX 90				76,2	109,73	109,73	20	54	1 1/4	20	31,75
2742219	24MCSH-24SFX 90				91,95	125,06	125,06	24	63,5	1 1/2	24	38,1
2547366	32MCSH-32SFX 90				120,65	165,94	165,94	32	79,4	2	32	50,8

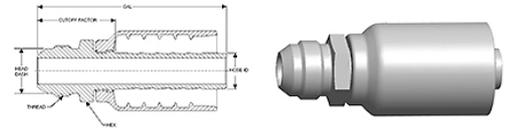
R12

Skive-type coupling for SAE 100R12 hose



JIC Male 37° Male Seat

Applicable Standard
JS16

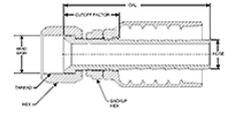


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc	
			DIMENSIONS										
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm	
2210556	16XT3-16MJS	1 5/16 - 12	1 3/8		0	51,99	51,99	16			16	25,4	
2210557	20S4G-20MJS	1 5/8 - 12	1 3/4		0	45,97	45,97	20			20	31,75	

JIC Female Swivel 37° Female Seat

Applicable Standard

JS16

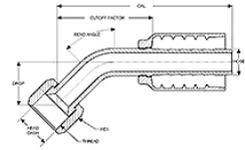


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc	
			DIMENSIONS										
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm	
3E6831	16XT3-16FJS	1 5/16 - 12	1 1/2	1 1/4	0	53,27	53,27	16			16	25,4	
2210579	20S4G-20FJS	1 5/8 - 12	2	2 3/16	0	41,25	41,25	20			20	31,75	
2210578	16XT3-20FJS	1 5/8 - 12	2	1 1/4	0	32,94	32,94	20			16	31,75	
2210581	32S4G-32FJS	2 1/2 - 12	2 7/8	3	0	74,8	74,8	32			32	50,8	

JIC Female Swivel 37° Female Seat, 45°

Applicable Standard

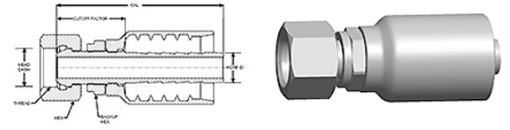
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3E6832	16XT3-16TN 45	1 5/16 - 12	1 1/2		42	90,07	90,07	16			16	25,4
2210465	20S4G-20TN 45	1 5/8 - 12	2		43,94	106,17	106,17	20			20	31,75

JIS Female Swivel Parallel Pipe w/ Spherical Male Seat

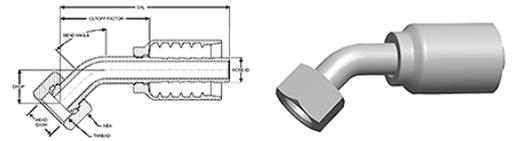
Applicable Standard



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc	
			DIMENSIONS										
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm	
2210497	16ESA-16GUO	1 - 11	1 1/2	1 5/8	0	30,66	30,66	16			16	25,4	
2210498	20S4G-20GUO	1 1/4 - 11	2	1 7/8	0	51,92	51,92	20			20	31,75	

JIS Female Swivel Parallel Pipe w/ Spherical Male Seat, 45°

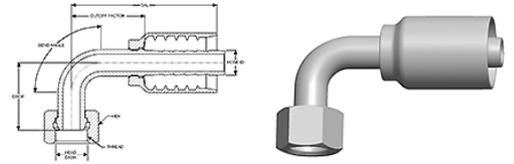
Applicable Standard



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc	
			DIMENSIONS										
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm	
2210485	16ESA-16GUO 45	1 - 11	1 1/2		29,72	84,25	84,25	16			16	25,4	
2210486	20S4G-20GUO 45	1 1/4 - 11	2		39,37	102,21	102,21	20			20	31,75	

JIS Female Swivel Parallel Pipe w/ Spherical Male Seat, 90°

Applicable Standard

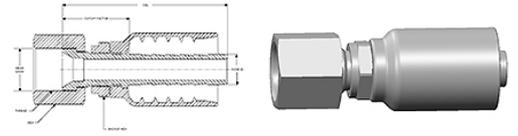


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc	
			DIMENSIONS										
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm	
2210491	16ESA-16GUO 90	1 - 11	1 1/2		64,52	76,89	76,89	16			16	25,4	
2210492	20S4G-20GUO 90	1 1/4 - 11	2		80,77	81,38	81,38	20			20	31,75	

JIS (Komatsu Style) Metric Swivel 30° Female Seat

Applicable Standard

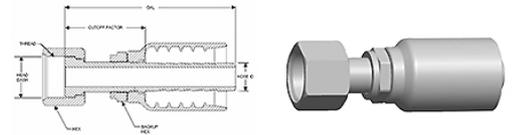
JIS



		T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
					DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm		
1552855	16ESA-16FJSK	M33 - 1,5	1 5/8	1 5/8	0	33,93	33,93	M30			16	25,4		
2210543	20S4G-20FJSK	M36 - 1,5	1 13/16	2 3/16	0	40,39	40,39	M36			20	31,75		

ORFS Female Face Seal

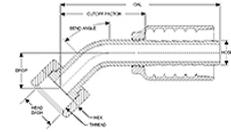
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
6V9973	16XT3-16FFS	1 7/16 - 12	1 5/8	1 1/4	0	45,9	45,9	16			16	25,4
1235238	16XT3-20FFS	1 11/16 - 12	1 7/8	1 1/4	0	54,79	54,79	20			16	25,4
2282984	20S4G-20FFS	1 11/16 - 12	1 7/8	2 3/16	0	46,22	46,22	20			20	31,75

ORFS Female Face Seal, 45°

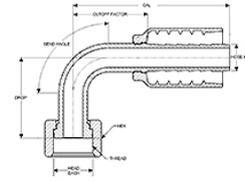
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
6V9974	16XT3-16FFS 45	1 7/16 - 12	1 5/8		32,51	95,93	95,93	16			16	25,4
1235239	16XT3-20FFS 45	1 11/16 - 12	1 7/8		32	93,9	93,9	20			16	25,4
2210522	20S4G-20FFS 45	1 11/16 - 12	1 7/8		25,4	116,08	116,08	20			20	31,75

ORFS Female Face Seal, 90°

Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
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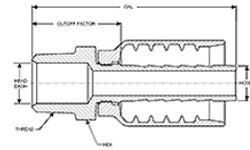
		DIMENSIONS						
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part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
6V9975	16XT3-16FFS 90	1 7/16 - 12	1 5/8		67,5	60,07	60,07	16		16		25,4
6V9976	16XT3-16FFS 90	1 7/16 - 12	1 5/8		125	60,07	60,07	16		16		25,4
1160633	16S4G-20FFSS 90	1 11/16 - 12	1 7/8		63,75	82,63	82,63	20		16		25,4
2210536	20S4G-20FFSS 90	1 11/16 - 12	1 7/8		63,75	114,81	114,81	20		20		31,75
2210528	20S4G-20FFSL 90	1 11/16 - 12	1 7/8		129,29	114,81	114,81	20		20		31,75

SAE Male Pipe Rigid 30° Female Seat

Applicable Standard

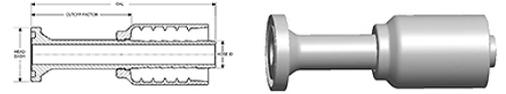
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2210570	16ESA-16MS	1 - 11,5	1 3/8		0	52,76	52,76	16			16	25,4
2210571	20S4G-20MS	1 1/4 - 11,5	1 3/4		0	46,74	46,74	20			20	31,75
2210573	32S4G-32MS	2 - 11,5	2 1/2		0	71,5	71,5	32			32	50,8

SAE Code 61 Flange

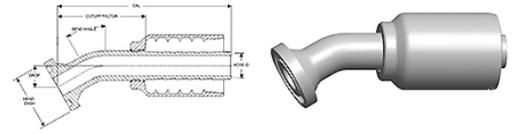
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
9X7665	16XT3-16SF				0	65,07	65,07	16	44,5	1	16	25,4
3300100	16XT3-20SF				0	55,07	55,07	20	50,8	1 1/4	16	25,4
2210511	20XT3-20SF				0	53,85	53,85	20	50,8	1 1/4	20	31,75
2210502	32S4G-32SF				0	85,47	85,47	32	71,4	2	32	50,8

SAE Code 61 Flange, 30°

Applicable Standard
JS16

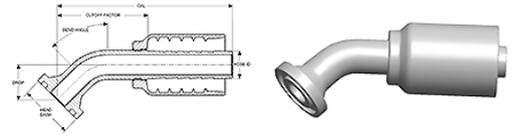


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
9X7666	16XT3-16SF 30				16	61,07	61,07	16	44,5	1	16	25,4
3300102	16XT3-20SF 30				16	60,07	60,07	20	50,8	1 1/4	16	25,4
2210603	32S4G-32SF 30				31,24	127,38	127,38	32	71,4	2	32	50,8

SAE Code 61 Flange, 45°

Applicable Standard

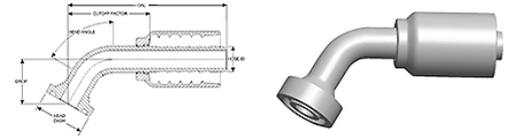
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
9X7667	16XT3-16SF 45				27	67,07	67,07	16	44,5	1	16	25,4
3300104	16XT3-20SF 45				27	67,07	67,07	20	50,8	1 1/4	16	25,4
2210503	20S4G-20SF 45				29,97	88,9	88,9	20	50,8	1 1/4	20	31,75
2210604	32S4G-32SF 45				51,82	134,75	134,75	32	71,4	2	32	50,8

SAE Code 61 Flange, 60°

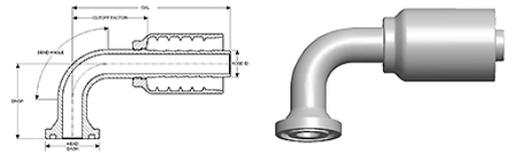
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
9X7668	16XT3-16SF 60				38,5	69,57	69,57	16	44,5	1	16	25,4
3300105	16XT3-20SF 60				38,5	69,57	69,57	20	50,8	1 1/4	16	25,4
2210505	20S4G-20SF 60				42,67	93,73	93,73	20	50,8	1 1/4	20	31,75
2210605	32S4G-32SF 60				73,41	136,78	136,78	32	71,4	2	32	50,8

SAE Code 61 Flange, 90°

Applicable Standard
JS16

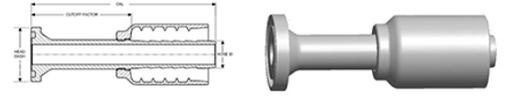


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
9X7669	16XT3-16SF 90				60,5	69,57	69,57	16	44,5	1	16	25,4
9X7670	16XT3-16SF 90				117,5	69,57	69,57	16	44,5	1	16	25,4
2506590	16XT3-20SF 90				60,5	69,57	69,57	20	50,8	1 1/4	16	25,4
3309323	16XT3-20SF 90				117,5	69,57	69,57	20	50,8	1 1/4	16	25,4
2210507	20S4G-20SF 90				66,8	87,12	87,12	20	50,8	1 1/4	20	31,75
2210609	32S4G-32SF 90				114,3	123,82	123,82	32	71,4	2	32	50,8

SAE Code 62 Flange

Applicable Standard

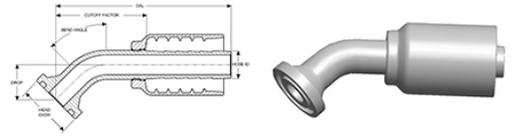
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc	
			DIMENSIONS										
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm	
1552844	16ESA-16SFX				0	57,07	57,07	16	47,6	1	16	25,4	
1160577	16S4G-20SFX				0	69,85	69,85	20	54	1 1/4	16	25,4	
2210455	20S4G-20SFX				0	58,93	58,93	20	54	1 1/4	20	31,75	
2210610	32S4G-32SFX				0	93,09	93,09	32	79,4	2	32	50,8	

SAE Code 62 Flange, 45°

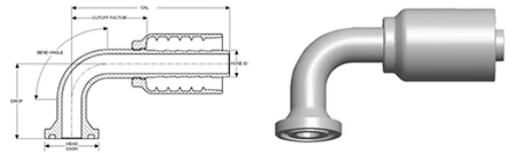
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1552847	16ESA-16SFX 45				32,51	86,54	86,54	16	47,6	1	16	25,4
1160588	16S4G-20SFX 45				32,51	88,72	88,72	20	54	1 1/4	16	25,4
1160589	20S4G-20SFX 45				35,05	94,23	94,23	20	54	1 1/4	20	31,75

SAE Code 62 Flange, 90°

Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1552851	16ESA-16SFX 90				69,85	73,08	73,08	16	47,6	1	16	25,4
1160600	16S4G-20SFX 90				69,85	74,68	74,68	20	54	1 1/4	16	25,4
2210456	20S4G-20SFX 90				74,68	87,38	87,38	20	54	1 1/4	20	31,75
2210612	32S4G-32SFX 90				118,87	123,82	123,82	32	79,4	2	32	50,8

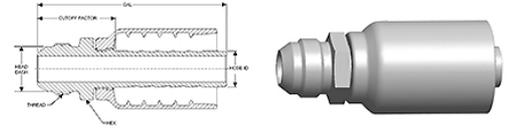
MN

Non-skive coupling for braided hose products



JIC Male 37° Male Seat

Applicable Standard
JS16

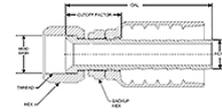


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1241936	4MN-4MJS	7/16 - 20	9/16		0	25,73	25,73	4			4	6,35
1241938	4MN-6MJS	9/16 - 18	11/16		0	28,27	28,27	6			4	6,35
1241940	6MN-6MJS	9/16 - 18	11/16		0	29,36	29,36	6			6	9,52
1241941	6MN-8MJS	3/4 - 16	3/4		0	33,42	33,42	8			6	9,52
1241943	8MN-8MJS	3/4 - 16	3/4		0	35,28	35,28	8			8	12,7
1241944	8MN-10MJS	7/8 - 14	7/8		0	34,52	34,52	10			8	12,7
1241946	10MN-10MJS	7/8 - 14	7/8		0	38,18	38,18	10			10	15,88
1241947	10MN-12MJS	1 1/16 - 12	1 1/8		0	41,22	41,22	12			10	15,88
1241948	12MN-12MJS	1 1/16 - 12	1 1/8		0	40,35	40,35	12			12	19,05
1540071	12MN-16MJS	1 5/16 - 12	1 3/8		0	46,19	46,19	16			12	19,05
1241949	16MN-16MJS	1 5/16 - 12	1 3/8		0	47,11	47,11	16			16	25,4
1242336	20MN-20MJS	1 5/8 - 12	1 3/4		0	52,06	52,06	20			20	31,75

JIC Female Swivel 37° Female Seat

Applicable Standard

JS16

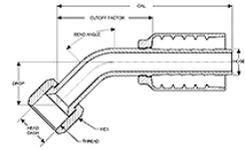


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1241950	4MN-4FJS	7/16 - 20	9/16	9/16	0	16,07	16,07	4		4		6,35
1241952	4MN-6FJS	9/16 - 18	11/16	9/16	0	20,9	20,9	6		4		6,35
1241956	6MN-6FJS	9/16 - 18	11/16	11/16	0	23,77	23,77	6		6		9,52
1241957	6MN-8FJS	3/4 - 16	7/8	11/16	0	24,28	24,28	8		6		9,52
1241961	8MN-8FJS	3/4 - 16	7/8	13/16	0	28,42	28,42	8		8		12,7
1241962	8MN-10FJS	7/8 - 14	1	13/16	0	29,69	29,69	10		8		12,7
1241965	10MN-10FJS	7/8 - 14	1	7/8	0	31,32	31,32	10		10		15,88
1241966	10MN-12FJS	1 1/16 - 12	1 1/4	7/8	0	31,06	31,06	12		10		15,88
1241971	12MN-16FJS	1 5/16 - 12	1 1/2	1	0	34,76	34,76	16		12		19,05
1241969	12MN-12FJS	1 1/16 - 12	1 1/4	1	0	32,73	32,73	12		12		19,05
1241973	16MN-16FJS	1 5/16 - 12	1 1/2	1 1/2	0	36,7	36,7	16		16		25,4
1241974	16MN-20FJS	1 5/8 - 12	2	1 1/2	0	37,46	37,46	20		16		25,4
1241975	20MN-20FJS	1 5/8 - 12	2	1 7/8	0	41,14	41,14	20		20		31,75
1241976	24MN-24FJS	1 7/8 - 12	2 1/4	2 1/4	0	47,51	47,51	24		24		38,1
1241977	32MN-32FJS	2 1/2 - 12	2 7/8		0	64,58	64,58	32		32		50,8

JIC Female Swivel 37° Female Seat, 45°

Applicable Standard

JS16

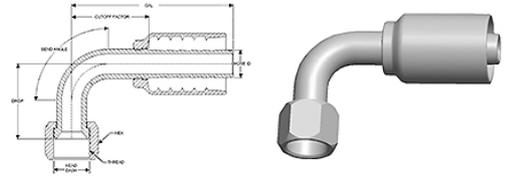


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1241978	4MN-4TNS 45	7/16 - 20	9/16		8,38	28,01	28,01	4			4	6,35
1241989	4MN-4TN 45	7/16 - 20	9/16		11,94	31,57	31,57	4			4	6,35
1241979	4MN-6TNS 45	9/16 - 18	11/16		9,91	29,54	29,54	6			4	6,35
1241990	4MN-6TN 45	9/16 - 18	11/16		14,22	33,85	33,85	6			4	6,35
1241980	6MN-6TNS 45	9/16 - 18	11/16		9,91	35,2	35,2	6			6	9,52
1241991	6MN-6TN 45	9/16 - 18	11/16		14,99	40,28	40,28	6			6	9,52
1241981	6MN-8TNS 45	3/4 - 16	7/8		13,97	39,27	39,27	8			6	9,52
1241992	6MN-8TN 45	3/4 - 16	7/8		17,53	42,82	42,82	8			6	9,52
1241982	8MN-8TNS 45	3/4 - 16	7/8		13,97	43,66	43,66	8			8	12,7
1241993	8MN-8TN 45	3/4 - 16	7/8		17,53	47,22	47,22	8			8	12,7
1241983	8MN-10TNS 45	7/8 - 14	1		16,26	45,95	45,95	10			8	12,7
1241994	8MN-10TN 45	7/8 - 14	1		22,35	52,04	52,04	10			8	12,7
1241984	10MN-10TNS 45	7/8 - 14	1		16,26	51,64	51,64	10			10	15,88
1241995	10MN-10TN 45	7/8 - 14	1		22,35	57,99	57,99	10			10	15,88
1241985	10MN-12TNS 45	1 1/16 - 12	1 1/4		19,56	54,94	54,94	12			10	15,88
1241996	10MN-12TN 45	1 1/16 - 12	1 1/4		26,92	62,31	62,31	12			10	15,88
3025249	12MN-16TNS 45	1 5/16 - 12	1 1/2		27,94	65,5	65,5	16			12	19,05
3025262	12MN-16TN 45	1 5/16 - 12	1 1/2		29,46	67,02	67,02	16			12	19,05
1241986	12MN-12TNS 45	1 1/16 - 12	1 1/4		19,56	57,11	57,11	12			12	19,05
1241997	12MN-12TN 45	1 1/16 - 12	1 1/4		26,92	64,48	64,48	12			12	19,05
1241987	16MN-16TNS 45	1 5/16 - 12	1 1/2		22,61	84,7	84,7	16			16	25,4
1241998	16MN-16TN 45	1 5/16 - 12	1 1/2		29,46	84,45	84,45	16			16	25,4
1241988	20MN-20TNS 45	1 5/8 - 12	2		29,21	96,77	96,77	20			20	31,75
1241999	20MN-20TN 45	1 5/8 - 12	2		36,83	101,09	101,09	20			20	31,75
3025250	24MN-24TNS 45	1 7/8 - 12	2 1/4		50,8	127,27	127,27	24			24	38,1
3096969	32MN-32TNS 45	2 1/2 - 12	2 7/8		55,88	151,86	151,86	32			32	50,8

JIC Female Swivel 37° Female Seat, 90°

Applicable Standard

JS16



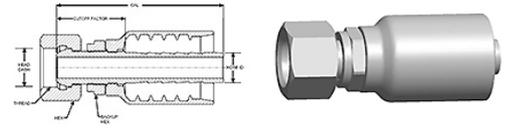
T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
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				DIMENSIONS						
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part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1242000	4MN-4TNS 90	7/16 - 20	9/16		17,53	25,22	25,22	4			4	6,35
1242015	4MN-4TN 90	7/16 - 20	9/16		22,35	25,22	25,22	4			4	6,35
1242025	4MN-4TNSL 90	7/16 - 20	9/16		44,45	25,22	25,22	4			4	6,35
1242002	4MN-6TNS 90	9/16 - 18	11/16		22,4	25,22	25,22	6			4	6,35
1242016	4MN-6TN 90	9/16 - 18	11/16		28,45	25,22	25,22	6			4	6,35
1242027	4MN-6TNSL 90	9/16 - 18	11/16		55,63	25,22	25,22	6			4	6,35
1242003	5MN-6TNS 90	9/16 - 18	11/16		22,35	29,62	29,62	6			5	7,9
1242005	6MN-6TNS 90	9/16 - 18	11/16		21,84	32,66	32,66	6			6	9,52
1242017	6MN-6TN 90	9/16 - 18	11/16		28,45	32,66	32,66	6			6	9,52
1242028	6MN-6TNSL 90	9/16 - 18	11/16		55,63	32,66	32,66	6			6	9,52
1242006	6MN-8TNS 90	3/4 - 16	7/8		27,69	32,66	32,66	8			6	9,52
1242018	6MN-8TN 90	3/4 - 16	7/8		35,05	32,66	32,66	8			6	9,52
1242029	6MN-8TNSL 90	3/4 - 16	7/8		63,5	32,66	32,66	8			6	9,52
1242007	8MN-8TNS 90	3/4 - 16	7/8		27,69	38,84	38,84	8			8	12,7
1242019	8MN-8TN 90	3/4 - 16	7/8		35,05	38,84	38,84	8			8	12,7
1242030	8MN-8TNSL 90	3/4 - 16	7/8		63,5	38,84	38,84	8			8	12,7
1242008	8MN-10TNS 90	7/8 - 14	1		31,24	38,84	38,84	10			8	12,7
1242020	8MN-10TN 90	7/8 - 14	1		44,45	38,84	38,84	10			8	12,7
1242031	8MN-10TNSL 90	7/8 - 14	1		77,72	38,84	38,84	10			8	12,7
1242010	10MN-10TNS 90	7/8 - 14	1		31,24	46,56	46,56	10			10	15,88
1242021	10MN-10TN 90	7/8 - 14	1		44,45	46,56	46,56	10			10	15,88
1242032	10MN-10TNSL 90	7/8 - 14	1		77,72	46,56	46,56	10			10	15,88
1242011	10MN-12TNS 90	1 1/16 - 12	1 1/4		46,23	46,56	46,56	12			10	15,88
1242022	10MN-12TN 90	1 1/16 - 12	1 1/4		52,32	46,56	46,56	12			10	15,88
1242033	10MN-12TNSL 90	1 1/16 - 12	1 1/4		91,95	46,56	46,56	12			10	15,88
1471706	12MN-16TNS 90	1 5/16 - 12	1 1/2		54,36	52,54	52,54	16			12	19,05
1242012	12MN-12TNS 90	1 1/16 - 12	1 1/4		46,23	52,54	52,54	12			12	19,05
1242023	12MN-12TN 90	1 1/16 - 12	1 1/4		52,32	52,54	52,54	12			12	19,05
1242034	12MN-12TNSL 90	1 1/16 - 12	1 1/4		94,74	52,54	52,54	12			12	19,05
1242013	16MN-16TNS 90	1 5/16 - 12	1 1/2		54,36	64,64	64,64	16			16	25,4
1242024	16MN-16TN 90	1 5/16 - 12	1 1/2		64,01	77,34	77,34	16			16	25,4
1242036	16MN-16TNSL 90	1 5/16 - 12	1 1/2		111,25	77,59	77,59	16			16	25,4
1242014	20MN-20TNS 90	1 5/8 - 12	2		65,53	91,69	91,69	20			20	31,75
1471707	20MN-20TN 90	1 5/8 - 12	2		76,2	88,39	88,39	20			20	31,75
1471708	20MN-20TNSL 90	1 5/8 - 12	2		138,18	88,39	88,39	20			20	31,75
2950020	24MN-24TNS 90	1 7/8 - 12	2 1/4		100,33	106,19	106,19	24			24	38,1
3096970	32MN-32TN 90	2 1/2 - 12	2 7/8		117,6	137,06	137,06	32			32	50,8

JIS Female Swivel Parallel Pipe w/ Spherical Male Seat

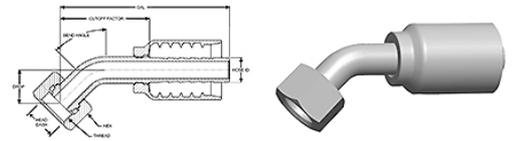
Applicable Standard



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1242291	4MN-4GUO	1/4 - 19	3/4	9/16	0	22,42	22,42	4			4	6,35
1242292	6MN-6GUO	3/8 - 19	7/8	11/16	0	23,52	23,52	6			6	9,52
1540113	6MN-8GUO	1/2 - 14	1 1/16	11/16	0	23,52	23,52	8			6	9,52
1242293	8MN-8GUO	1/2 - 14	1 1/16	13/16	0	30,2	30,2	8			8	12,7
1540114	10MN-10GUO	5/8 - 14	1 3/16	7/8	0	33,35	33,35	10			10	15,88
1242294	12MN-12GUO	3/4 - 14	1 1/4	1	0	35,27	35,27	12			12	19,05
1242295	16MN-16GUO	1 - 11	1 1/2	1 1/2	0	35,43	35,43	16			16	25,4
1242337	20MN-20GUO	1 1/4 - 11	2	1 7/8	0	45,97	45,97	20			20	31,75

JIS Female Swivel Parallel Pipe w/ Spherical Male Seat, 45°

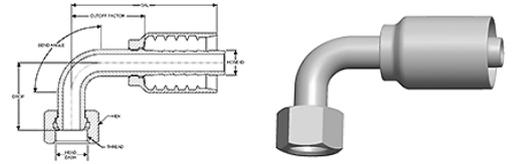
Applicable Standard



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1242296	4MN-4GUO 45	1/4 - 19	3/4		17,53	37,16	37,16	4			4	6,35
1242297	6MN-6GUO 45	3/8 - 19	7/8		20,07	45,36	45,36	6			6	9,52
1242298	8MN-8GUO 45	1/2 - 14	1 1/16		20,07	49,5	49,5	8			8	12,7
1242299	12MN-12GUO 45	3/4 - 14	1 1/4		28,96	66,51	66,51	12			12	19,05
1242300	16MN-16GUO 45	1 - 11	1 1/2		29,72	78,35	78,35	16			16	25,4

JIS Female Swivel Parallel Pipe w/ Spherical Male Seat, 90°

Applicable Standard

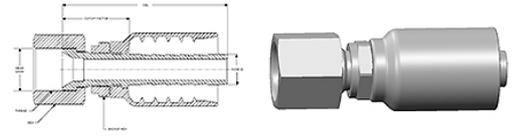


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1242301	4MN-4GUO 90	1/4 - 19	3/4		30,23	25,22	25,22	4			4	6,35
3025285	4MN-6GUO 90	3/8 - 19	7/8		37,08	28,27	28,27	6			4	6,35
1242302	6MN-6GUO 90	3/8 - 19	7/8		37,08	32,66	32,66	6			6	9,52
1242303	8MN-8GUO 90	1/2 - 14	1 1/16		37,59	38,84	38,84	8			8	12,7
1242304	12MN-12GUO 90	3/4 - 14	1 1/4		58,93	52,54	52,54	12			12	19,05
1242305	16MN-16GUO 90	1 - 11	1 1/2		64,52	70,99	70,99	16			16	25,4
1242306	20MN-20GUO 90	1 1/4 - 11	2		80,77	88,13	88,13	20			20	31,75

JIS (Komatsu Style) Metric Swivel 30° Female Seat

Applicable Standard

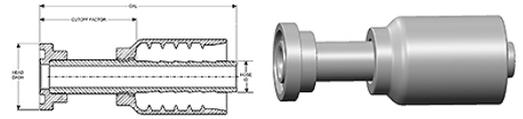
JIS



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1540106	4MN-4FJSK	M14 - 1,5	3/4	9/16	0	19,88	19,88	M14			4	6,35
1540108	4MN-6FJSK	M18 - 1,5	7/8	9/16	0	22,17	22,17	M18			4	6,35
1540109	6MN-6FJSK	M18 - 1,5	7/8	11/16	0	22,25	22,25	M18			6	9,52
1540110	8MN-8FJSK	M22 - 1,5	1 1/16	13/16	0	28,17	28,17	M22			8	12,7
2210457	10MN-10FJSK	M24 - 1,5	1 1/4	7/8	0	32,84	32,84	M24			10	15,88
2210458	12MN-12FJSK	M30 - 1,5	1 7/16	1	0	38,57	38,57	M30			12	19,05
2210459	16MN-16FJSK	M33 - 1,5	1 5/8	1 1/2	0	33,65	33,65	M30			16	25,4

Komatsu Flange

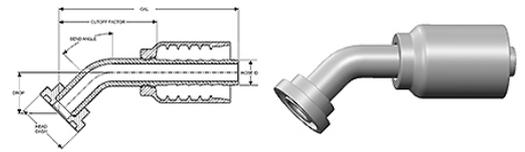
Applicable Standard



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
  DIMENSIONS  												
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1540091	10MN-10SFK				0	55,96	55,96	10	34,1	5/8	10	15,88

Komatsu Flange, 45°

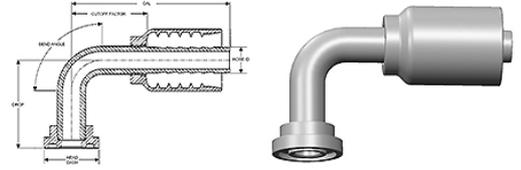
Applicable Standard



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1540093	10MN-10SFK 45				25,91	62,81	62,81	10	34,1	5/8	10	15,88

Komatsu Flange, 90°

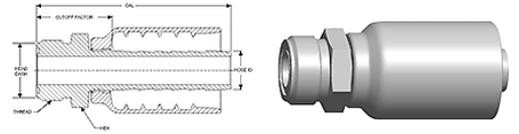
Applicable Standard



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1540094	10MN-10SFK 90				55,12	50,11	50,11	10	34,1	5/8	10	15,88

ORFS Male Face Seal

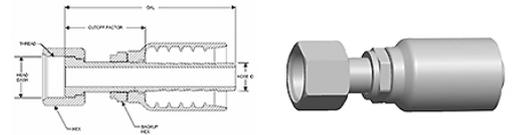
Applicable Standard



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2246265	4MN-4MFS	9/16 - 18	3/4		0	21,15	21,15	4			4	6,35
2429532	4MN-6MFS	11/16 - 16	3/4		0	25,22	25,22	6			4	6,35
2246266	6MN-6MFS	11/16 - 16	3/4		0	26,31	26,31	6			6	9,52
3332764	6MN-8MFS	13/16 - 16	7/8		0	28,85	28,85	8			6	9,52
1864133	8MN-8MFS	13/16 - 16	7/8		0	30,45	30,45	8			8	12,7
3025295	8MN-10MFS	1 - 14	1 1/16		0	33,24	33,24	10			8	12,7
2353946	10MN-10MFS	1 - 14	1 1/16		0	33,38	33,38	10			10	15,88
3025296	10MN-12MFS	1 3/16 - 12	1 1/4		0	36,9	36,9	12			10	15,88
1864134	12MN-12MFS	1 3/16 - 12	1 1/4		0	36,55	36,55	12			12	19,05
1864135	16MN-16MFS	1 7/16 - 12	1 1/2		0	40,26	40,26	16			16	25,4
1843489	20MN-20MFS	1 11/16 - 12	1 3/4		0	46,98	46,98	20			20	31,75
1864136	24MN-24MFS	2 - 12	2		0	59,96	59,96	24			24	38,1

ORFS Female Face Seal

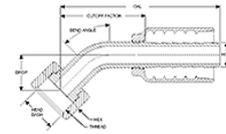
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
					DIMENSIONS							
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1242111	4MN-4FFS	9/16 - 18	11/16	9/16	0	25,47	25,47	4			4	6,35
1242113	4MN-6FFS	11/16 - 16	13/16	9/16	0	27,76	27,76	6			4	6,35
1242114	6MN-6FFS	11/16 - 16	13/16	11/16	0	30,88	30,88	6			6	9,52
1242116	6MN-8FFS	13/16 - 16	15/16	11/16	0	29,87	29,87	8			6	9,52
1242117	8MN-8FFS	13/16 - 16	15/16	13/16	0	38,83	38,83	8			8	12,7
1242118	8MN-10FFS	1 - 14	1 1/8	13/16	0	41,12	41,12	10			8	12,7
1242119	10MN-10FFS	1 - 14	1 1/8	7/8	0	43	43	10			10	15,88
1242120	10MN-12FFS	1 3/16 - 12	1 3/8	7/8	0	45,29	45,29	12			10	15,88
1242121	12MN-12FFS	1 3/16 - 12	1 3/8	1	0	45,7	45,7	12			12	19,05
1242122	12MN-16FFS	1 7/16 - 12	1 5/8	1	0	49,25	49,25	16			12	19,05
1242123	16MN-16FFS	1 7/16 - 12	1 5/8	1 1/2	0	50,92	50,92	16			16	25,4
1242124	16MN-20FFS	1 11/16 - 12	1 7/8	1 1/2	0	50,92	50,92	20			16	25,4
1242125	20MN-20FFS	1 11/16 - 12	1 7/8	1 7/8	0	51,56	51,56	20			20	31,75
1242320	24MN-24FFS	2 - 12	2 1/4	2 1/4	0	55,39	55,39	24			24	38,1

ORFS Female Face Seal, 45°

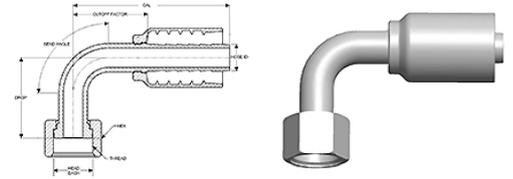
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1242128	4MN-4FFS 45	9/16 - 18	11/16		10,41	30,04	30,04	4			4	6,35
1242129	4MN-6FFS 45	11/16 - 16	13/16		10,92	30,55	30,55	6			4	6,35
1242130	6MN-6FFS 45	11/16 - 16	13/16		10,92	36,22	36,22	6			6	9,52
1242131	6MN-8FFS 45	13/16 - 16	15/16		14,99	40,28	40,28	8			6	9,52
1242132	8MN-8FFS 45	13/16 - 16	15/16		14,99	44,67	44,67	8			8	12,7
1242133	8MN-10FFS 45	1 - 14	1 1/8		16,51	46,2	46,2	10			8	12,7
1242135	10MN-10FFS 45	1 - 14	1 1/8		16,51	51,89	51,89	10			10	15,88
1242136	10MN-12FFS 45	1 3/16 - 12	1 3/8		21,08	56,46	56,46	12			10	15,88
1242137	12MN-12FFS 45	1 3/16 - 12	1 3/8		21,08	58,65	58,65	12			12	19,05
3025289	12MN-16FFS 45	1 7/16 - 12	1 5/8		23,88	61,43	61,43	16			12	19,05
1242138	16MN-16FFS 45	1 7/16 - 12	1 5/8		23,88	72,51	72,51	16			16	25,4
3025290	16MN-20FFS 45	1 11/16 - 12	1 7/8		25,4	74,03	74,03	20			16	25,4
1242139	20MN-20FFS 45	1 11/16 - 12	1 7/8		25,4	96,77	96,77	20			20	31,75
1471696	24MN-24FFS 45	2 - 12	2 1/4		27,18	98,06	98,06	24			24	38,1

ORFS Female Face Seal, 90°

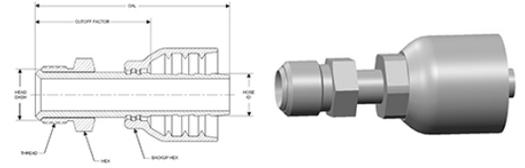
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1242140	4MN-4FFSS 90	9/16 - 18	11/16		19,81	25,22	25,22	4			4	6,35
1242322	4MN-4FFS 90	9/16 - 18	11/16		32	25,22	25,22	4			4	6,35
1242158	4MN-4FFSL 90	9/16 - 18	11/16		45,72	25,22	25,22	4			4	6,35
1242141	4MN-6FFSS 90	11/16 - 16	13/16		22,86	25,22	25,22	6			4	6,35
2282987	4MN-6FFS 90	11/16 - 16	13/16		38,35	25,22	25,22	6			4	6,35
1242159	4MN-6FFSL 90	11/16 - 16	13/16		54,1	25,22	25,22	6			4	6,35
4162521	5MN-6FFSS 90	11/16 - 16	13/16		22,86	29,62	29,62	6			5	7,9
4162522	5MN-6FFS 90	11/16 - 16	13/16		38,35	29,62	29,62	6			5	7,9
1242144	6MN-6FFSS 90	11/16 - 16	13/16		22,86	32,66	32,66	6			6	9,52
1242323	6MN-6FFS 90	11/16 - 16	13/16		38,35	32,66	32,66	6			6	9,52
1242160	6MN-6FFSL 90	11/16 - 16	13/16		54,1	32,66	32,66	6			6	9,52
1242145	6MN-8FFSS 90	13/16 - 16	15/16		29,21	32,66	32,66	8			6	9,52
2282989	6MN-8FFS 90	13/16 - 16	15/16		41,15	32,66	32,66	8			6	9,52
1242161	6MN-8FFSL 90	13/16 - 16	15/16		63,75	32,66	32,66	8			6	9,52
1242147	8MN-8FFSS 90	13/16 - 16	15/16		29,21	38,83	38,83	8			8	12,7
1242325	8MN-8FFS 90	13/16 - 16	15/16		41,15	38,83	38,83	8			8	12,7
1242162	8MN-8FFSL 90	13/16 - 16	15/16		63,75	38,83	38,83	8			8	12,7
1242148	8MN-10FFSS 90	1 - 14	1 1/8		32,26	38,83	38,83	10			8	12,7
2282990	8MN-10FFS 90	1 - 14	1 1/8		46,99	38,83	38,83	10			8	12,7
1242163	8MN-10FFSL 90	1 - 14	1 1/8		70,1	38,83	38,83	10			8	12,7
1242150	10MN-10FFSS 90	1 - 14	1 1/8		32,26	46,56	46,56	10			10	15,88
1242168	10MN-10FFS 90	1 - 14	1 1/8		46,99	46,56	46,56	10			10	15,88
1242164	10MN-10FFSL 90	1 - 14	1 1/8		70,1	46,56	46,56	10			10	15,88
1242151	10MN-12FFS 90	1 3/16 - 12	1 3/8		47,75	46,56	46,56	12			10	15,88
3025294	10MN-12FFSL 90	1 3/16 - 12	1 3/8		96,01	46,56	46,56	12			10	15,88
1242153	12MN-12FFSS 90	1 3/16 - 12	1 3/8		47,75	52,56	52,56	12			12	19,05
1471694	12MN-12FFS 90	1 3/16 - 12	1 3/8		57,91	52,56	52,56	12			12	19,05
1242165	12MN-12FFSL 90	1 3/16 - 12	1 3/8		96,01	52,56	52,56	12			12	19,05
1242154	12MN-16FFSS 90	1 7/16 - 12	1 5/8		56,13	52,56	52,56	16			12	19,05
1242155	16MN-16FFSS 90	1 7/16 - 12	1 5/8		56,13	70,99	70,99	16			16	25,4
1471695	16MN-16FFS 90	1 7/16 - 12	1 5/8		70,61	70,99	70,99	16			16	25,4
1242166	16MN-16FFSL 90	1 7/16 - 12	1 5/8		114,3	70,99	70,99	16			16	25,4
1242156	16MN-20FFSS 90	1 11/16 - 12	1 7/8		63,75	70,99	70,99	20			16	25,4
1242157	20MN-20FFSS 90	1 11/16 - 12	1 7/8		63,75	95,75	95,75	20			20	31,75
2282992	20MN-20FFS 90	1 11/16 - 12	1 7/8		78,49	91,43	91,43	20			20	31,75
1242167	20MN-20FFSL 90	1 11/16 - 12	1 7/8		129,29	91,43	91,43	20			20	31,75
1540115	24MN-24FFSS 90	2 - 12	2 1/4		68,58	96,03	96,03	24			24	38,1

SAE Male Inverted Swivel 45° Female Seat

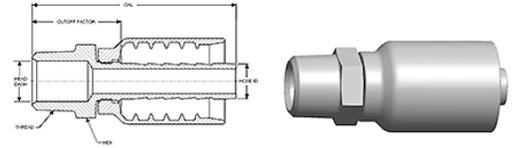
Applicable Standard



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1242041	4MN-4UMIS	7/16 - 24	7/16	9/16	0	27,5	27,5	4			4	6,35
3025270	4MN-6UMIS	5/8 - 18	5/8	9/16	0	29,28	29,28	6			4	6,35
3025271	6MN-8UMIS	3/4 - 18	3/4	11/16	0	33,42	33,42	8			6	9,52
1242043	6MN-6UMIS	5/8 - 18	5/8	11/16	0	30,38	30,38	6			6	9,52
1242044	8MN-8UMIS	3/4 - 18	3/4	13/16	0	39,34	39,34	8			8	12,7
1242045	10MN-10UMIS	7/8 - 18	7/8	7/8	0	44,02	44,02	10			10	15,88

SAE Male Pipe Rigid 30° Female Seat

Applicable Standard
JS16

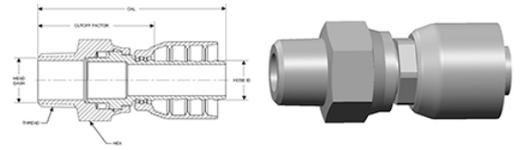


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1241892	4MN-6MS	3/8 - 18	11/16		0	27,5	27,5	6			4	6,35
1241891	4MN-4MS	1/4 - 18	9/16		0	27,5	27,5	4			4	6,35
1241897	6MN-6MS	3/8 - 18	11/16		0	29,36	29,36	6			6	9,52
1241898	6MN-8MS	1/2 - 14	7/8		0	33,93	33,93	8			6	9,52
1241900	8MN-8MS	1/2 - 14	7/8		0	36,04	36,04	8			8	12,7
1241904	10MN-12MS	3/4 - 14	1 1/8		0	39,95	39,95	12			10	15,88
1241906	12MN-12MS	3/4 - 14	1 1/8		0	39,33	39,33	12			12	19,05
1241907	12MN-16MS	1 - 12	1 3/8		0	47,21	47,21	16			12	19,05
1241909	16MN-16MS	1 - 12	1 3/8		0	48,13	48,13	16			16	25,4
1241910	20MN-20MS	1 1/4 - 12	1 3/4		0	53,08	53,08	20			20	31,75
1241911	24MN-24MS	1 1/2 - 12	2		0	56,15	56,15	24			24	38,1
1241912	32MN-32MS	2 - 12	2 1/2		0	59,9	59,9	32			32	50,8

SAE Male Pipe Swivel 30° Female Seat

Applicable Standard

JS16

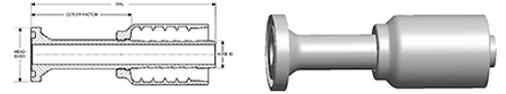


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1241914	4MN-4UMS	1/4 - 18	11/16		0	39,44	39,44	4			4	6,35
1241915	4MN-6UMS	3/8 - 18	7/8		0	39,44	39,44	6			4	6,35
1241916	6MN-4UMS	1/4 - 18	11/16		0	41,55	41,55	4			6	9,52
1241917	6MN-6UMS	3/8 - 18	7/8		0	41,3	41,3	6			6	9,52
1241918	6MN-8UMS	1/2 - 14	1 1/16		0	48,92	48,92	8			6	9,52
1241920	8MN-8UMS	1/2 - 14	1 1/16		0	50,52	50,52	8			8	12,7
1241921	12MN-12UMS	3/4 - 14	1 3/8		0	57,37	57,37	12			12	19,05
1241922	16MN-16UMS	1 - 12	1 9/16		0	60,83	60,83	16			16	25,4

SAE Code 61 Flange

Applicable Standard

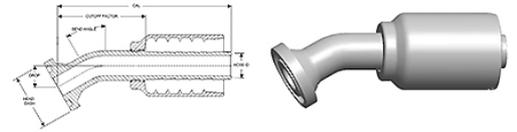
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1242050	8MN-8SF				0	43,41	43,41	8	30,2	1/2	8	12,7
1242051	8MN-12SF				0	44,93	44,93	12	38,1	3/4	8	12,7
1540092	10MN-12SF				0	51,38	51,38	12	38,1	3/4	10	15,88
1242052	12MN-12SF				0	55,6	55,6	12	38,1	3/4	12	19,05
1242053	12MN-16SF				0	55,6	55,6	16	44,5	1	12	19,05
1242054	16MN-16SF				0	48,38	48,38	16	44,5	1	16	25,4
1242055	16MN-20SF				0	49,91	49,91	20	50,8	1 1/4	16	25,4
1242056	20MN-20SF				0	64,52	64,52	20	50,8	1 1/4	20	31,75
1242057	20MN-24SF				0	64,52	64,52	24	60,3	1 1/2	20	31,75
1242058	24MN-24SF				0	64,9	64,9	24	60,3	1 1/2	24	38,1
1242060	32MN-32SF				0	75,94	75,94	32	71,4	2	32	50,8

SAE Code 61 Flange, 30°

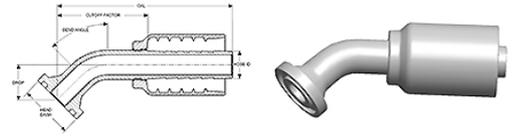
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1242069	12MN-12SF 30				15,49	62,46	62,46	12	38,1	3/4	12	19,05
2859262	12MN-16SF 30				15,49	62,46	62,46	16	44,5	1	12	19,05
1242070	16MN-16SF 30				16,26	71,24	71,24	16	44,5	1	16	25,4
3025227	16MN-20SF 30				17,02	72,51	72,51	20	50,8	1 1/4	16	25,4
1242071	20MN-20SF 30				18,29	88,14	88,14	20	50,8	1 1/4	20	31,75
1242072	24MN-24SF 30				21,25	105,1	105,1	24	60,3	1 1/2	24	38,1
1242074	32MN-32SF 30				31,5	142,49	142,49	32	71,4	2	32	50,8

SAE Code 61 Flange, 45°

Applicable Standard
JS16



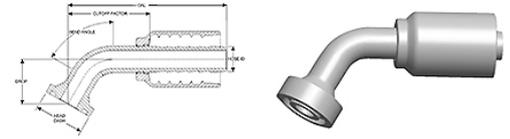
T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
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				DIMENSIONS						
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part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1242075	8MN-8SF 45				21,34	52,29	52,29	8	30,2	1/2	8	12,7
1242076	8MN-12SF 45				22,35	53,31	53,31	12	38,1	3/4	8	12,7
1471715	10MN-12SF 45				28,7	65,61	65,61	12	38,1	3/4	10	15,88
1242077	12MN-12SF 45				25,15	65,51	65,51	12	38,1	3/4	12	19,05
1242078	12MN-16SF 45				25,15	65,51	65,51	16	44,5	1	12	19,05
1242079	16MN-16SF 45				26,92	75,56	75,56	16	44,5	1	16	25,4
1242080	16MN-20SF 45				28,19	76,58	76,58	20	50,8	1 1/4	16	25,4
1242081	20MN-20SF 45				29,97	92,46	92,46	20	50,8	1 1/4	20	31,75
1242082	20MN-24SF 45				31,24	93,73	93,73	24	60,3	1 1/2	20	31,75
1242083	24MN-24SF 45				35	111,1	111,1	24	60,3	1 1/2	24	38,1
1242085	32MN-32SF 45				51,82	147,32	147,32	32	71,4	2	32	50,8

SAE Code 61 Flange, 60°

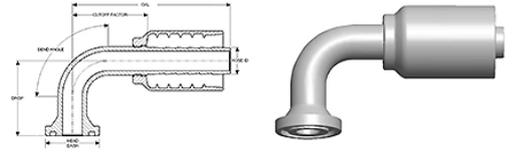
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3025232	8MN-12SF 60				29,21	52,81	52,81	12	38,1	3/4	8	12,7
1242086	12MN-12SF 60				35,31	65,76	65,76	12	38,1	3/4	12	19,05
2190953	12MN-16SF 60				35,31	65,76	65,76	16	44,5	1	12	19,05
1242087	16MN-16SF 60				38,35	76,83	76,83	16	44,5	1	16	25,4
2010967	16MN-20SF 60				39,88	77,85	77,85	20	50,8	1 1/4	16	25,4
1242088	20MN-20SF 60				42,67	93,98	93,98	20	50,8	1 1/4	20	31,75
3025233	20MN-24SF 60				42,67	93,98	93,98	24	60,3	1 1/2	20	31,75
1242089	24MN-24SF 60				50	113,6	113,6	24	60,3	1 1/2	24	38,1
1242090	32MN-32SF 60				73,41	152,65	152,65	32	71,4	2	32	50,8

SAE Code 61 Flange, 90°

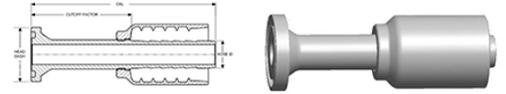
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1242098	8MN-8SF 90				41,4	43,66	43,66	8	30,2	1/2	8	12,7
1242099	8MN-12SF 90				42,93	45,44	45,44	12	38,1	3/4	8	12,7
1242100	10MN-12SF 90				53,85	49,86	49,86	12	38,1	3/4	10	15,88
1242101	12MN-12SF 90				54,1	58,91	58,91	12	38,1	3/4	12	19,05
1242102	12MN-16SF 90				54,1	58,91	58,91	16	44,5	1	12	19,05
1242103	16MN-16SF 90				60,45	70,99	70,99	16	44,5	1	16	25,4
1242104	16MN-20SF 90				61,98	70,99	70,99	20	50,8	1 1/4	16	25,4
1242105	20MN-20SF 90				66,8	86,61	86,61	20	50,8	1 1/4	20	31,75
1242106	20MN-24SF 90				66,8	86,36	86,36	24	60,3	1 1/2	20	31,75
1242107	24MN-24SF 90				79,25	105,9	105,9	24	60,3	1 1/2	24	38,1
1242108	24MN-32SF 90				79,25	105,9	105,9	32	71,4	2	24	38,1
1242109	32MN-32SF 90				114,3	142,74	142,74	32	71,4	2	32	50,8

SAE Code 62 Flange

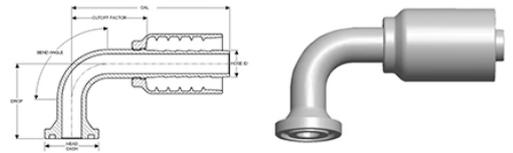
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
DIMENSIONS												
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2563737	20MN-20SFX				0	64,76	64,76	20	54	1 1/4	20	31,75

SAE Code 62 Flange, 90°

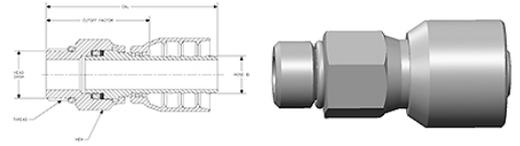
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc	
part #	description		thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2563736	20MN-20SFX 90					76,96	86,61	86,61	20	54	1 1/4	20	31,75

STOR SAE Male Straight Thread O-Ring Swivel

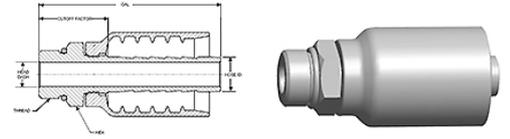
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1241934	6MN-6BUMSO	9/16 - 18	7/8	11/16	0	42,06	42,06	6			6	9,52
1471701	6MN-8BUMSO	3/4 - 16	7/8	11/16	0	38,25	38,25	8			6	9,52
1471702	8MN-8BUMSO	3/4 - 16	7/8	13/16	0	40,1	40,1	8			8	12,7
1471703	8MN-10BUMSO	7/8 - 14	1 1/16	13/16	0	44,17	44,17	10			8	12,7
1540067	12MN-12BUMSO	1 1/16 - 12	1 1/4	1	0	53,3	53,3	12			12	19,05

STOR SAE Male Straight Thread O-Ring

Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1241928	4MN-4BMSO	7/16 - 20	9/16		0	20,65	20,65	4			4	6,35
1471719	4MN-6BMSO	9/16 - 18	11/16		0	22,42	22,42	6			4	6,35
1241929	6MN-6BMSO	9/16 - 18	11/16		0	23,52	23,52	6			6	9,52
1241930	6MN-8BMSO	3/4 - 16	7/8		0	27,84	27,84	8			6	9,52
1241931	8MN-8BMSO	3/4 - 16	7/8		0	29,69	29,69	8			8	12,7
1241932	8MN-10BMSO	7/8 - 14	1		0	29,69	29,69	10			8	12,7
1471699	10MN-10BMSO	7/8 - 14	1		0	31,83	31,83	10			10	15,88
1471720	10MN-12BMSO	1 1/16 - 12	1 1/4		0	35,89	35,89	12			10	15,88
1241933	12MN-12BMSO	1 1/16 - 12	1 1/4		0	35,27	35,27	12			12	19,05
1471700	16MN-16BMSO	1 5/16 - 12	1 1/2		0	37,97	37,97	16			16	25,4

MH

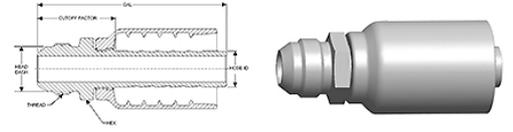
Skive-type coupling for limited braided hose products



JIC Male 37° Male Seat

Applicable Standard

JS16

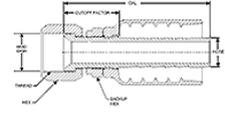


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc	
			DIMENSIONS										
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm	
1498555	4MHT-4MJS	7/16 - 20	9/16		0	25,73	25,73	4			4	6,35	
2205088	4MHT-6MJS	9/16 - 18	11/16		0	28,27	28,27	6			4	6,35	
1498556	6MH-6MJS	9/16 - 18	11/16		0	29,26	29,26	6			6	9,52	
1498557	8MH-8MJS	3/4 - 16	3/4		0	35,53	35,53	8			8	12,7	

JIC Female Swivel 37° Female Seat

Applicable Standard

JS16

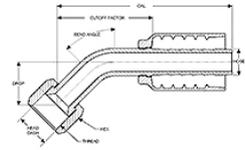


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1498515	4MHT-4FJS	7/16 - 20	9/16	9/16	0	16,08	16,08	4			4	6,35
1498517	4MHT-6FJS	9/16 - 18	11/16	9/16	0	20,9	20,9	6			4	6,35
1498520	6MH-6FJS	9/16 - 18	11/16	11/16	0	23,67	23,67	6			6	9,52
1498521	6MH-8FJS	3/4 - 16	7/8	11/16	0	24,18	24,18	8			6	9,52
1498522	8MH-8FJS	3/4 - 16	7/8	13/16	0	28,68	28,68	8			8	12,7
1498523	8MH-10FJS	7/8 - 14	1	13/16	0	29,95	29,95	10			8	12,7
2205131	10MH-10FJS	7/8 - 14	1	1 1/8	0	31,65	31,65	10			10	15,88
2205132	10MH-12FJS	1 1/16 - 12	1 1/4	1 1/8	0	31,37	31,37	12			10	15,88
1498526	12MH-12FJS	1 1/16 - 12	1 1/4	1 1/4	0	32,54	32,54	12			12	19,05
2205136	16MH-16FJS	1 5/16 - 12	1 1/2	1 1/2	0	36,22	36,22	16			16	25,4

JIC Female Swivel 37° Female Seat, 45°

Applicable Standard

JS16

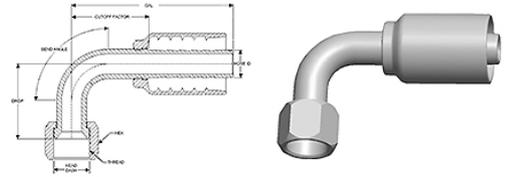


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1498528	4MHT-4TNS 45	7/16 - 20	9/16		8,38	28,02	28,02	4			4	6,35
2205108	4MHT-4TN 45	7/16 - 20	9/16		11,94	31,57	31,57	4			4	6,35
1498531	6MH-6TNS 45	9/16 - 18	11/16		9,91	35,36	35,36	6			6	9,52
1498536	6MH-6TN 45	9/16 - 18	11/16		14,99	40,18	40,18	6			6	9,52
1498532	6MH-8TNS 45	3/4 - 16	7/8		13,97	39,17	39,17	8			6	9,52
1498537	6MH-8TN 45	3/4 - 16	7/8		17,526	42,72	42,72	8			6	9,52
1498533	8MH-8TNS 45	3/4 - 16	7/8		13,97	43,92	43,92	8			8	12,7
1498538	8MH-8TN 45	3/4 - 16	7/8		17,53	47,47	47,47	8			8	12,7
1498534	8MH-10TNS 45	7/8 - 14	1		16,26	46,2	46,2	10			8	12,7
1498535	12MH-12TNS 45	1 1/16 - 12	1 1/4		19,56	56,92	56,92	12			12	19,05
1498539	12MH-12TN 45	1 1/16 - 12	1 1/4		26,92	64,29	64,29	12			12	19,05

JIC Female Swivel 37° Female Seat, 90°

Applicable Standard

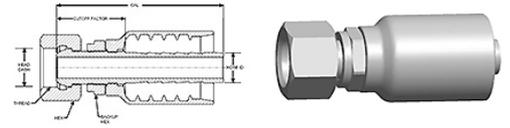
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1498541	4MHT-4TNS 90	7/16 - 20	9/16		17,53	25,22	25,22	4			4	6,35
2205149	4MHT-4TN 90	7/16 - 20	9/16		22,35	25,22	25,22	4			4	6,35
1498550	4MHT-4TNSL 90	7/16 - 20	9/16		44,45	25,22	25,22	4			4	6,35
2205147	4MHT-6TN 90	9/16 - 18	11/16		28,45	25,22	25,22	6			4	6,35
1498591	6MH-6TNS 90	9/16 - 18	11/16		21,84	32,56	32,56	6			6	9,52
1498544	6MH-6TN 90	9/16 - 18	11/16		28,45	32,56	32,56	6			6	9,52
1498552	6MH-6TNSL 90	9/16 - 18	11/16		55,63	32,56	32,56	6			6	9,52
1498545	6MH-8TNS 90	3/4 - 16	7/8		27,69	32,56	32,56	8			6	9,52
2205151	6MH-8TN 90	3/4 - 16	7/8		35,05	32,56	32,56	8			6	9,52
1498553	6MH-8TNSL 90	3/4 - 16	7/8		63,5	32,56	32,56	8			6	9,52
1498592	8MH-8TNS 90	3/4 - 16	7/8		27,69	39,09	39,09	8			8	12,7
1498546	8MH-8TN 90	3/4 - 16	7/8		35,05	39,09	39,09	8			8	12,7
1498554	8MH-8TNSL 90	3/4 - 16	7/8		63,5	39,09	39,09	8			8	12,7
2205111	10MH-10TNS 90	7/8 - 14	1		31,24	46,89	46,89	10			10	15,88
2205153	10MH-10TN 90	7/8 - 14	1		44,45	46,89	46,89	10			10	15,88
1498547	12MH-12TNS 90	1 1/16 - 12	1 1/4		46,23	52,35	52,35	12			12	19,05
2205154	12MH-12TN 90	1 1/16 - 12	1 1/4		52,32	52,35	52,35	12			12	19,05
2205157	12MH-12TNSL 90	1 1/16 - 12	1 1/4		94,74	52,35	52,35	12			12	19,05
2205155	16MH-16TN 90	1 5/16 - 12	1 1/2		64,01	77,37	77,37	16			16	25,4

JIS Female Swivel Parallel Pipe w/ Spherical Male Seat

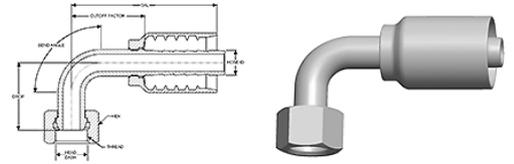
Applicable Standard



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc	
			DIMENSIONS										
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm	
1498581	8MH-8GUO	1/2 - 14	1 1/16	13/16	0	30,45	30,45	8			8	12,7	
1498583	12MH-12GUO	3/4 - 14	1 1/4	1 1/4	0	35,08	35,08	12			12	19,05	

JIS Female Swivel Parallel Pipe w/ Spherical Male Seat, 90°

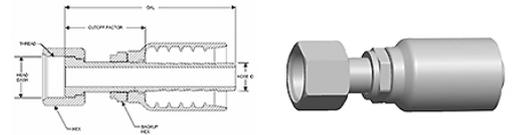
Applicable Standard



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2205320	4MHT-4GUO 90	1/4 - 19	3/4		30,23	25,22	25,22	4			4	6,35
2205321	6MH-6GUO 90	3/8 - 19	7/8		37,08	32,56	32,56	6			6	9,52
2205322	8MH-8GUO 90	1/2 - 14	1 1/16		37,59	39,09	39,09	8			8	12,7
2205323	12MH-12GUO 90	3/4 - 14	1 1/4		58,93	52,35	52,35	12			12	19,05

ORFS Female Face Seal

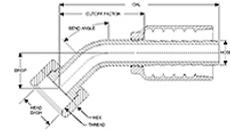
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1498471	4MHT-4FFS	9/16 - 18	11/16	9/16	0	25,47	25,47	4			4	6,35
1498472	4MHT-6FFS	11/16 - 16	13/16	9/16	0	27,76	27,76	6			4	6,35
1498474	6MH-6FFS	11/16 - 16	13/16	11/16	0	29,77	29,77	6			6	9,52
1498475	6MH-8FFS	13/16 - 16	15/16	11/16	0	29,77	29,77	8			6	9,52
1498476	8MH-8FFS	13/16 - 16	15/16	13/16	0	39,35	39,35	8			8	12,7
1498477	8MH-10FFS	1 - 14	1 1/8	13/16	0	41,63	41,63	10			8	12,7
2205333	10MH-10FFS	1 - 14	1 1/8	1 1/8	0	43,59	43,59	10			10	15,88
2205334	10MH-12FFS	1 3/16 - 12	1 3/8	1 1/8	0	45,87	45,87	12			10	15,88
1498478	12MH-12FFS	1 3/16 - 12	1 3/8	1 1/4	0	45,49	45,49	12			12	19,05
2205336	12MH-16FFS	1 7/16 - 12	1 5/8	1 1/4	0	49,04	49,04	16			12	19,05
2205337	16MH-16FFS	1 7/16 - 12	1 5/8	1 1/2	0	50,19	50,19	16			16	25,4

ORFS Female Face Seal, 45°

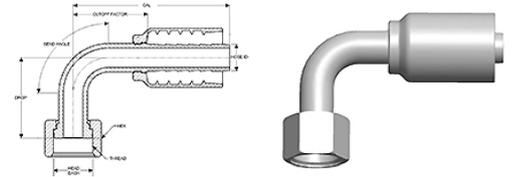
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1498480	4MHT-4FFS 45	9/16 - 18	11/16		10,41	30,04	30,04	4			4	6,35
1498481	4MHT-6FFS 45	11/16 - 16	13/16		10,92	30,55	30,55	6			4	6,35
1498483	6MH-6FFS 45	11/16 - 16	13/16		10,92	36,12	36,12	6			6	9,52
1498484	6MH-8FFS 45	13/16 - 16	15/16		14,99	40,18	40,18	8			6	9,52
1498485	8MH-8FFS 45	13/16 - 16	15/16		14,99	44,94	44,94	8			8	12,7
1498486	8MH-10FFS 45	1 - 14	1 1/8		16,51	46,46	46,46	10			8	12,7
2205352	10MH-10FFS 45	1 - 14	1 1/8		16,51	52,22	52,22	10			10	15,88
2205353	10MH-12FFS 45	1 3/16 - 12	1 3/8		21,08	56,79	56,79	12			10	15,88
1498487	12MH-12FFS 45	1 3/16 - 12	1 3/8		21,08	58,44	58,44	12			12	19,05
2205354	16MH-16FFS 45	1 7/16 - 12	1 5/8		23,88	72,28	72,28	16			16	25,4

ORFS Female Face Seal, 90°

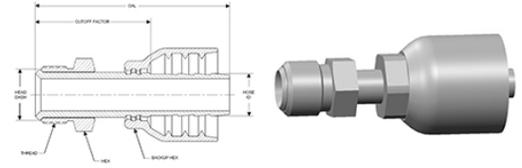
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1498489	4MHT-4FFSS 90	9/16 - 18	11/16		19,81	25,22	25,22	4			4	6,35
1498498	4MHT-4FFS 90	9/16 - 18	11/16		32	25,22	25,22	4			4	6,35
1498505	4MHT-4FFSL 90	9/16 - 18	11/16		45,72	25,22	25,22	4			4	6,35
1498490	4MHT-6FFSS 90	11/16 - 16	13/16		22,86	25,22	25,22	6			4	6,35
1498506	4MHT-6FFSL 90	11/16 - 16	13/16		54,1	25,22	25,22	6			4	6,35
1498493	6MH-6FFSS 90	11/16 - 16	13/16		22,86	32,56	32,56	6			6	9,52
1498501	6MH-6FFS 90	11/16 - 16	13/16		38,35	32,56	32,56	6			6	9,52
1498507	6MH-6FFSL 90	11/16 - 16	13/16		54,1	32,56	32,56	6			6	9,52
1498494	6MH-8FFSS 90	13/16 - 16	15/16		29,21	32,56	32,56	8			6	9,52
1498509	6MH-8FFSL 90	13/16 - 16	15/16		63,75	32,56	32,56	8			6	9,52
1498495	8MH-8FFSS 90	13/16 - 16	15/16		29,21	39,09	39,09	8			8	12,7
1498502	8MH-8FFS 90	13/16 - 16	15/16		41,15	39,09	39,09	8			8	12,7
1498510	8MH-8FFSL 90	13/16 - 16	15/16		63,75	39,09	39,09	8			8	12,7
1498496	8MH-10FFSS 90	1 - 14	1 1/8		32,26	39,09	39,09	10			8	12,7
2205358	10MH-10FFSS 90	1 - 14	1 1/8		32,26	46,89	46,89	10			10	15,88
2205365	10MH-10FFS 90	1 - 14	1 1/8		46,99	46,89	46,89	10			10	15,88
2205367	10MH-10FFSL90	1 - 14	1 1/8		70,1	46,89	46,89	10			10	15,88
2205359	10MH-12FFSS 90	1 3/16 - 12	1 3/8		47,75	46,89	46,89	12			10	15,88
3068018	10MH-12FFS 90	1 3/16 - 12	1 3/8		57,91	46,89	46,89	12			10	15,88
1498497	12MH-12FFSS 90	1 3/16 - 12	1 3/8		47,75	52,35	52,35	12			12	19,05
1498504	12MH-12FFS 90	1 3/16 - 12	1 3/8		57,91	52,35	52,35	12			12	19,05
1498512	12MH-12FFSL 90	1 3/16 - 12	1 3/8		96,01	52,35	52,35	12			12	19,05
2205361	16MH-16FFSS 90	1 7/16 - 12	1 5/8		56,13	70,76	70,76	16			16	25,4
2205366	16MH-16FFS 90	1 7/16 - 12	1 5/8		70,61	70,76	70,76	16			16	25,4
2205369	16MH-16FFSL 90	1 7/16 - 12	1 5/8		114,3	70,76	70,76	16			16	25,4
2205362	16MH-20FFSS 90	1 11/16 - 12	1 7/8		63,75	70,76	70,76	20			16	25,4

SAE Male Inverted Swivel 45° Female Seat

Applicable Standard



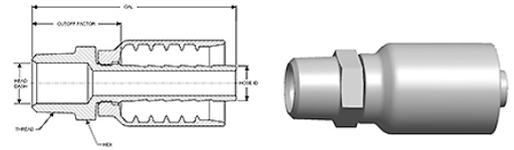
T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
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				DIMENSIONS						
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part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2205271	4MHT-4UMIS	7/16 - 24	7/16	9/16	0	27,51	27,51	4			4	6,35
2205273	6MH-8UMIS	3/4 - 18	3/4	11/16	0	33,33	33,33	8			6	9,52
2205272	6MH-6UMIS	5/8 - 18	5/8	11/16	0	30,28	30,28	6			6	9,52
2205274	8MH-8UMIS	3/4 - 18	3/4	13/16	0	39,6	39,6	8			8	12,7
2205275	8MH-10UMIS	7/8 - 18	7/8	13/16	0	42,65	42,65	10			8	12,7

SAE Male Pipe Rigid 30° Female Seat

Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
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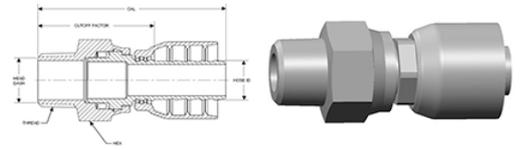
				DIMENSIONS						
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part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1498563	4MHT-4MS	1/4 - 18	9/16		0	27,51	27,51	4			4	6,35
1498568	6MH-6MS	3/8 - 18	11/16		0	29,26	29,26	6			6	9,52
1498569	6MH-8MS	1/2 - 14	7/8		0	33,83	33,83	8			6	9,52
2205057	8MH-12MS	3/4 - 14	1 1/8		0	38,07	38,07	12			8	12,7
1498571	8MH-8MS	1/2 - 14	7/8		0	36,3	36,3	8			8	12,7

SAE Male Pipe Swivel 30° Female Seat

Applicable Standard

JS16

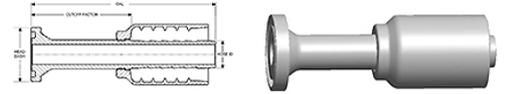


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1498574	4MHT-4UMS	1/4 - 18	11/16		0	39,95	39,95	4			4	6,35
2205073	6MH-6UMS	3/8 - 18	7/8		0	41,2	41,2	6			6	9,52
2205074	6MH-8UMS	1/2 - 14	1 1/16		0	48,82	48,82	8			6	9,52
2205076	8MH-8UMS	1/2 - 14	1 1/16		0	50,77	50,77	8			8	12,7

SAE Code 61 Flange

Applicable Standard

JS16

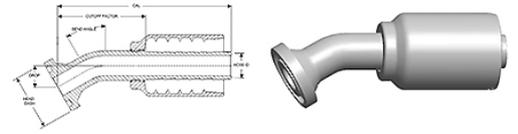


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2205012	12MH-12SF				0	55,39	55,39	12	38,1	3/4	12	19,05
2205013	12MH-16SF				0	55,39	55,39	16	44,5	1	12	19,05
2205015	16MH-16SF				0	47,9	47,9	16	44,5	1	16	25,4
2205016	16MH-20SF				0	49,68	49,68	20	50,8	1 1/4	16	25,4

SAE Code 61 Flange, 30°

Applicable Standard

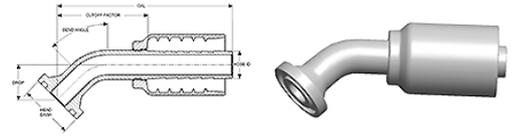
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2205025	12MH-12SF 30				15,49	62,25	62,25	12	38,1	3/4	12	19,05
2205026	12MH-16SF 30				15,49	62,25	62,25	16	44,5	1	12	19,05
3067994	16MH-16SF 30				16,26	71,02	71,02	16	44,5	1	16	25,4
2205028	16MH-20SF 30				17,02	72,03	72,03	20	50,8	1 1/4	16	25,4

SAE Code 61 Flange, 45°

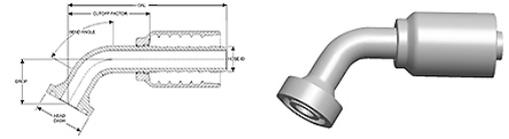
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2205030	12MH-12SF 45				25,15	65,3	65,3	12	38,1	3/4	12	19,05
2205031	12MH-16SF 45				25,15	65,3	65,3	16	44,5	1	12	19,05
2205033	16MH-16SF 45				26,92	75,34	75,34	16	44,5	1	16	25,4
2205034	16MH-20SF 45				27,94	76,35	76,35	20	50,8	1 1/4	16	25,4

SAE Code 61 Flange, 60°

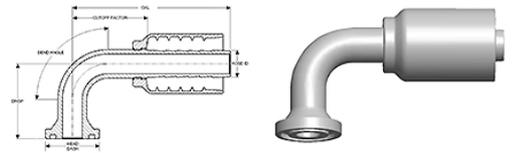
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2205037	12MH-12SF 60				35,31	65,55	65,55	12	38,1	3/4	12	19,05
2205038	12MH-16SF 60				35,31	65,55	65,55	16	44,5	1	12	19,05
2205039	16MH-16SF 60				38,35	76,86	76,86	16	44,5	1	16	25,4
2205040	16MH-20SF 60				39,3	82,4	82,4	20	50,8	1 1/4	16	25,4

SAE Code 61 Flange, 90°

Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2205048	12MH-12SF 90				54,1	58,7	58,7	12	38,1	3/4	12	19,05
2205049	12MH-16SF 90				54,1	58,7	58,7	16	44,5	1	12	19,05
2205051	16MH-16SF 90				60,45	70,76	70,76	16	44,5	1	16	25,4
2205052	16MH-20SF 90				61,98	70,76	70,76	20	50,8	1 1/4	16	25,4

JN

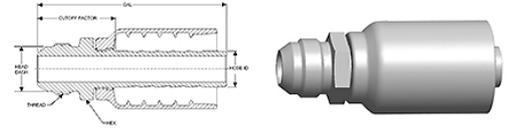
Coupling used for SAE 100R14 and other limited hose products



JIC Male 37° Male Seat

Applicable Standard

JS16

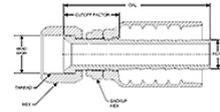


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1463401	4JN-6MJS	9/16 - 18	11/16		0	28,88	28,88	6			4	6,35
1463402	6JN-6MJS	9/16 - 18	11/16		0	29,26	29,26	6			6	9,52
1463403	8JN-8MJS	3/4 - 16	3/4		0	34,67	34,67	8			8	12,7
3116155	8JN-10MJS	7/8 - 14	7/8		0	33,66	33,66	10			8	12,7

JIC Female Swivel 37° Female Seat

Applicable Standard

JS16

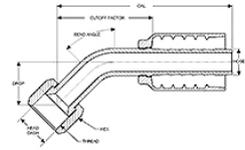


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3078242	3JN-3FJS	3/8 - 24	1/2	1/2	0	17,45	17,45	3			3	4,8
2673849	3JN-4FJS	7/16 - 20	9/16	1/2	0	17,2	17,2	4			3	4,8
1463400	4JN-4MJS	7/16 - 20	9/16	1/2	0	26,34	26,34	4			4	6,35
1463367	4JN-4FJS	7/16 - 20	9/16	1/2	0	17,2	17,2	4			4	6,35
2531371	4JN-6FJS	9/16 - 18	11/16	1/2	0	19,99	19,99	6			4	6,35
1463447	5JN-6FJS	9/16 - 18	11/16	11/16	0	18,16	18,16	6			5	7,9
1463368	6JN-6FJS	9/16 - 18	11/16	5/8	0	23,67	23,67	6			6	9,52
3297308	6JN-8FJS	3/4 - 16	7/8	5/8	0	24,18	24,18	8			6	9,52
2889582	7JN-8FJS	3/4 - 16	7/8	3/4	0	21,67	21,67	8			7	11,1
1463369	8JN-8FJS	3/4 - 16	7/8	11/16	0	26,28	26,28	8			8	12,7
1463449	8JN-10FJS	7/8 - 14	1	11/16	0	27,55	27,55	10			8	12,7
2772057	10JN-10FJS	7/8 - 14	1	7/8	0	22,96	22,96	10			10	15,88
3078244	10JN-12FJS	1 1/16 - 12	1 1/4	7/8	0	22,45	22,45	12			10	15,88
3084529	14JN-16FJS	1 5/16 - 12	1 1/2	1 1/8	0	25,73	25,73	16			14	22,2

JIC Female Swivel 37° Female Seat, 45°

Applicable Standard

JS16

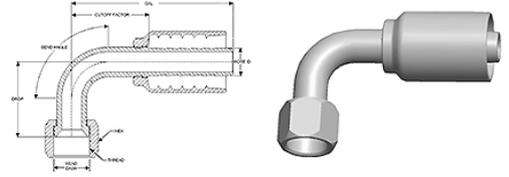


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2674663	3JN-4TNS 45	7/16 - 20	9/16		8,38	28,63	28,63	4			3	4,8
1463370	4JN-4TNS 45	7/16 - 20	9/16		8,38	28,63	28,63	4			4	6,35
3078236	4JN-6TNS 45	9/16 - 18	11/16		9,91	30,15	30,15	6			4	6,35
1463448	5JN-6TNS 45	9/16 - 18	11/16		9,91	31,88	31,88	6			5	7,9
1463372	6JN-6TNS 45	9/16 - 18	11/16		9,91	34,85	34,85	6			6	9,52
3078237	7JN-8TNS 45	3/4 - 16	7/8		12,95	40,97	40,97	8			7	11,1
1463373	8JN-8TNS 45	3/4 - 16	7/8		13,97	43,05	43,05	8			8	12,7
1463450	8JN-10TNS 45	7/8 - 14	1		16,76	45,34	45,34	10			8	12,7
3078238	10JN-12TNS 45	1 1/16 - 12	1 1/4		19,558	54,2	54,2	12			10	15,88

JIC Female Swivel 37° Female Seat, 90°

Applicable Standard

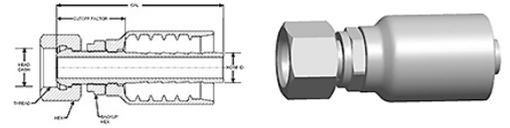
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2673848	3JN-4TNS 90	7/16 - 20	9/16		17,53	25,83	25,83	4			3	4,8
3078245	3JN-4TN 90	7/16 - 20	9/16		22,35	25,83	25,83	4			3	4,8
1463382	4JN-4TNS 90	7/16 - 20	9/16		17,53	25,83	25,83	4			4	6,35
1463386	4JN-4TN 90	7/16 - 20	9/16		22,35	25,83	25,83	4			4	6,35
1463391	4JN-4TNSL 90	7/16 - 20	9/16		44,45	25,83	25,83	4			4	6,35
1463383	5JN-6TNS 90	9/16 - 18	11/16		21,84	28,57	28,57	6			5	7,9
1463384	6JN-6TNS 90	9/16 - 18	11/16		21,84	32,56	32,56	6			6	9,52
1463387	6JN-6TN 90	9/16 - 18	11/16		28,45	32,56	32,56	6			6	9,52
1463393	6JN-6TNSL 90	9/16 - 18	11/16		55,63	32,56	32,56	6			6	9,52
1463388	6JN-8TN 90	3/4 - 16	7/8		35,05	32,56	32,56	8			6	9,52
1463394	6JN-8TNSL 90	3/4 - 16	7/8		63,5	32,56	32,56	8			6	9,52
3078239	7JN-8TNS 90	3/4 - 16	7/8		27,69	37,16	37,16	8			7	11,1
1463385	8JN-8TNS 90	3/4 - 16	7/8		27,69	38,23	38,23	8			8	12,7
1463389	8JN-8TN 90	3/4 - 16	7/8		35,05	38,23	38,23	8			8	12,7
1463395	8JN-8TNSL 90	3/4 - 16	7/8		63,5	38,23	38,23	8			8	12,7
3078240	8JN-10TNS 90	7/8 - 14	1		31,24	38,23	38,23	10			8	12,7
1463390	8JN-10TN 90	7/8 - 14	1		44,45	38,23	38,23	10			8	12,7
1463396	8JN-10TNSL 90	7/8 - 14	1		77,72	38,23	38,23	10			8	12,7
2772059	10JN-10TN 90	7/8 - 14	1		44,45	43,03	43,03	10			10	15,88
3078241	10JN-12TNS 90	1 1/16 - 12	1 1/4		46,23	45,82	45,82	12			10	15,88

JIS Female Swivel Parallel Pipe w/ Spherical Male Seat

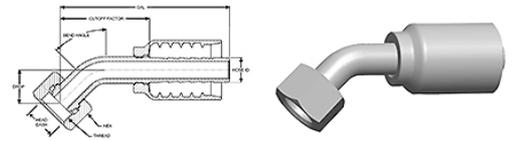
Applicable Standard



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1463436	4JN-4GUO	1/4 - 19	3/4	1/2	0	22,78	22,78	4			4	6,35
1463438	6JN-6GUO	3/8 - 19	7/8	5/8	0	23,42	23,42	6			6	9,52
1463439	8JN-8GUO	1/2 - 14	1 1/16	11/16	0	27,82	27,82	8			8	12,7

JIS Female Swivel Parallel Pipe w/ Spherical Male Seat, 45°

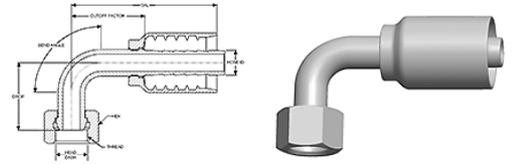
Applicable Standard



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1463440	4JN-4GUO 45	1/4 - 19	3/4		17,53	37,52	37,52	4			4	6,35
1463441	8JN-8GUO 45	1/2 - 14	1 1/16		20,07	49,15	49,15	8			8	12,7

JIS Female Swivel Parallel Pipe w/ Spherical Male Seat, 90°

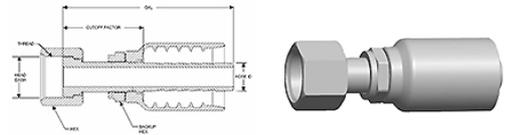
Applicable Standard



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc	
			DIMENSIONS										
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm	
1463442	4JN-4GUO 90	1/4 - 19	3/4		30,23	25,83	25,83	4			4	6,35	
1463443	8JN-8GUO 90	1/2 - 14	1 1/16		37,59	38,23	38,23	8			8	12,7	

ORFS Female Face Seal

Applicable Standard
JS16

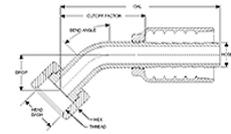


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2731716	3JN-4FFS	9/16 - 18	11/16	1/2	0	25,32	25,32	4		3	4,8	
1463338	4JN-4FFS	9/16 - 18	11/16	1/2	0	25,32	25,32	4		4	6,35	
1463350	4JN-6FFS	11/16 - 16	13/16	1/2	0	27,61	27,61	6		4	6,35	
1463339	5JN-6FFS	11/16 - 16	13/16	11/16	0	26,29	26,29	6		5	7,9	
1463340	6JN-6FFS	11/16 - 16	13/16	5/8	0	30,78	30,78	6		6	9,52	
1463342	8JN-8FFS	13/16 - 16	15/16	11/16	0	36,71	36,71	8		8	12,7	
3078258	8JN-10FFS	1 - 14	1 1/8	11/16	0	38,99	38,99	10		8	12,7	
3078260	10JN-10FFS	1 - 14	1 1/8	7/8	0	34,65	34,65	10		10	15,88	
3078261	10JN-12FFS	1 3/16 - 12	1 3/8	7/8	0	36,93	36,93	12		10	15,88	
3078262	12JN-12FFS	1 3/16 - 12	1 3/8	1	0	37,16	37,16	12		12	19,05	
2772091	12JN-16FFS	1 7/16 - 12	1 5/8	1	0	37,92	37,92	16		12	19,05	

ORFS Female Face Seal, 45°

Applicable Standard

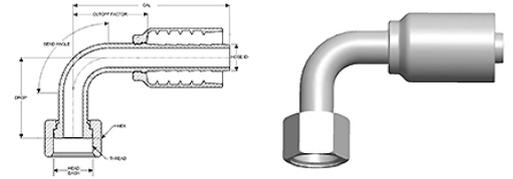
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1463343	4JN-4FFS 45	9/16 - 18	11/16		10,41	30,66	30,66	4			4	6,35
1463446	4JN-6FFS 45	11/16 - 16	13/16		10,41	30,66	30,66	6			4	6,35
1463345	6JN-6FFS 45	11/16 - 16	13/16		10,92	35,86	35,86	6			6	9,52
3097008	6JN-8FFS 45	13/16 - 16	15/16		14,99	40,43	40,43	8			6	9,52
1463346	8JN-8FFS 45	13/16 - 16	15/16		14,99	44,07	44,07	8			8	12,7
3078265	8JN-10FFS 45	1 - 14	1 1/8		16,51	45,34	45,34	10			8	12,7
3078266	10JN-10FFS 45	1 - 14	1 1/8		16,51	51,16	51,16	10			10	15,88
3078267	10JN-12FFS 45	1 3/16 - 12	1 3/8		21,08	55,73	55,73	12			10	15,88
3078268	12JN-12FFS 45	1 3/16 - 12	1 3/8		21,08	55,96	55,96	12			12	19,05

ORFS Female Face Seal, 90°

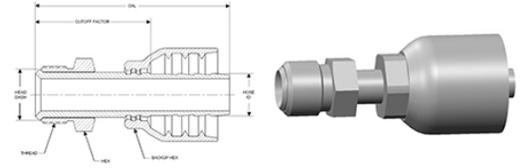
Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1463353	4JN-4FFSS 90	9/16 - 18	11/16		19,81	25,83	25,83	4			4	6,35
1463360	4JN-4FFS 90	9/16 - 18	11/16		32	25,83	25,83	4			4	6,35
1463364	4JN-4FFSL 90	9/16 - 18	11/16		45,72	25,83	25,83	4			4	6,35
1463354	4JN-6FFSS 90	11/16 - 16	13/16		22,86	25,83	25,83	6			4	6,35
1463357	6JN-6FFSS 90	11/16 - 16	13/16		22,86	32,56	32,56	6			6	9,52
1463361	6JN-6FFS 90	11/16 - 16	13/16		38,35	32,56	32,56	6			6	9,52
1463365	6JN-6FFSL 90	11/16 - 16	13/16		54,1	32,56	32,56	6			6	9,52
1463359	8JN-8FFSS 90	13/16 - 16	15/16		29,21	38,23	38,23	8			8	12,7
1463362	8JN-8FFS 90	13/16 - 16	15/16		41,15	38,23	38,23	8			8	12,7
1463366	8JN-8FFSL 90	13/16 - 16	15/16		63,75	38,23	38,23	8			8	12,7
3078270	8JN-10FFSS 90	1 - 14	1 1/8		32,26	38,23	38,23	10			8	12,7
3436260	8JN-10FFSL 90	1 - 14	1 1/8		70,1	38,23	38,23	10			8	12,7
3078271	10JN-10FFSS 90	1 - 14	1 1/8		32,26	45,82	45,82	10			10	15,88
3793792	10JN-10FFSL 90	1 - 14	1 1/8		70,1	45,82	45,82	10			10	15,88
3078272	10JN-12FFSS 90	1 3/16 - 12	1 3/8		32,26	45,82	45,82	12			10	15,88
3078273	12JN-12FFSS 90	1 3/16 - 12	1 3/8		47,75	49,61	49,61	12			12	19,05
3078274	12JN-12FFSL 90	1 3/16 - 12	1 3/8		96,01	49,61	49,61	12			12	19,05
2932193	12JN-16FFSS 90	1 7/16 - 12	1 5/8		56,13	49,61	49,61	16			12	19,05

SAE Male Inverted Swivel 45° Female Seat

Applicable Standard

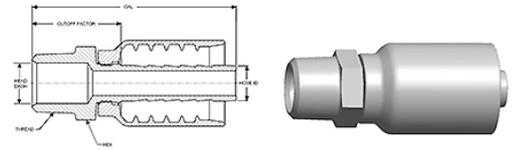


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc	
			DIMENSIONS										
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm	
1463428	4JN-4UMIS	7/16 - 24	7/16	1/2	0	27,36	27,36	4			4	6,35	
1463430	6JN-6UMIS	5/8 - 18	5/8	5/8	0	30,02	30,02	6			6	9,52	
1463431	8JN-8UMIS	3/4 - 18	3/4	11/16	0	37,21	37,21	8			8	12,7	

SAE Male Pipe Rigid 30° Female Seat

Applicable Standard

JS16

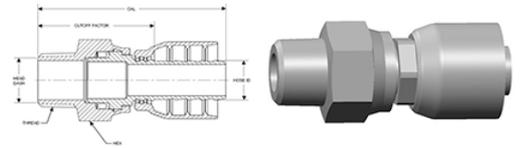


T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2674659	3JN-4MS	1/4 - 18	9/16		0	27,86	27,86	4			3	4,8
1463406	4JN-6MS	3/8 - 18	11/16		0	27,86	27,86	6			4	6,35
1463405	4JN-4MS	1/4 - 18	9/16		0	27,86	27,86	4			4	6,35
2957986	5JN-6MS	3/8 - 18	11/16		0	28,7	28,7	6			5	7,9
1463409	6JN-6MS	3/8 - 18	11/16		0	29,26	29,26	6			6	9,52
1463410	6JN-8MS	1/2 - 14	7/8		0	33,83	33,83	8			6	9,52
1463411	8JN-8MS	1/2 - 14	7/8		0	35,18	35,18	8			8	12,7

SAE Male Pipe Swivel 30° Female Seat

Applicable Standard

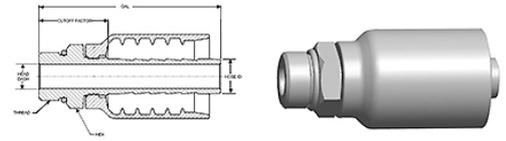
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
1463412	4JN-4UMS	1/4 - 18	11/16		0	40,56	40,56	4			4	6,35
1463414	6JN-6UMS	3/8 - 18	7/8		0	41,7	41,7	6			6	9,52
1463415	6JN-8UMS	1/2 - 14	1 1/16		0	48,56	48,56	8			6	9,52
1463417	8JN-8UMS	1/2 - 14	1 1/16		0	49,92	49,92	8			8	12,7

STOR SAE Male Straight Thread O-Ring

Applicable Standard
JS16



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
				DIMENSIONS								
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
2674666	3JN-4BMSO	7/16 - 20	9/16		0	21,26	21,26	4			3	4,8
1463419	4JN-4BMSO	7/16 - 20	9/16		0	21,26	21,26	4			4	6,35
1463420	6JN-6BMSO	9/16 - 18	11/16		0	23,42	23,42	6			6	9,52
1463421	6JN-8BMSO	3/4 - 16	7/8		0	27,73	27,73	8			6	9,52
1463422	8JN-8BMSO	3/4 - 16	7/8		0	28,82	28,82	8			8	12,7
1463423	8JN-10BMSO	7/8 - 14	1		0	29,08	29,08	10			8	12,7

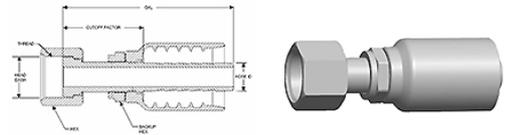
BN

ORFS Female Face Seal



ORFS Female Face Seal

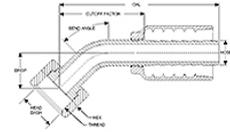
Applicable Standard



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n-drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3840385	10BN-10FFS	1 - 14	1 1/8	7/8	0	43,26	43,26	10			10	15,88
3888897	10BN-12FFS	1 3/16 - 12	1 3/8	7/8	0	43,26	43,26	12			10	15,88

ORFS Female Face Seal, 45°

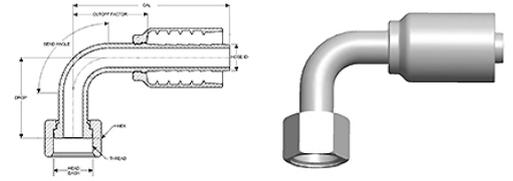
Applicable Standard



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc	
part #	description		thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3840389	10BN-10FFS 45		1 - 14	1 1/8	7/8	16,51	52,14	52,14	10			10	15,88

ORFS Female Face Seal, 90°

Applicable Standard



T	nom. fl. sz.	dash sz.	L	H	S1	S2	D	L1	DN	dash	kg/pc	lb/pc
			DIMENSIONS									
part #	description	thread size	nut-in	bkp_in	n- drop	cutoff mm	OAL mm	head dash	Ø mm	dash in	ID dash	ID mm
3840386	10BN-10FFSL 90	1 - 14	1 1/8	7/8	70,10	46,71	46,71	10			10	15,88
3840387	10BN-10FFSS 90	1 - 14	1 1/8	7/8	32,26	46,71	46,71	10			10	15,88
3840388	10BN-10FFS 90	1 - 14	1 3/8	7/8	46,99	46,71	46,71	10			10	15,88
4624169	10BN-12FFSS 90	1 3/16 - 12	1 1/8	7/8	47,75	46,81	46,81	12			10	15,88



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