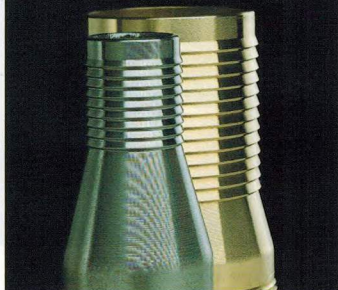




A

COMBINATION
NIPPLES & MENDERS

THREADED



Steel

hose size	part number	list each
1/2	HAS-2	4.22
3/4	HAS-3	4.32
1	HAS-4	5.03
1-1/4	HAS-5	6.49
1-1/2	HAS-6	7.26
2	HAS-8	9.45
2-1/2	HAS-10	19.56
3	HAS-12	22.97
4	HAS-16	36.12
5	HAS-20	80.60
6	HAS-24	92.81
8	HAS-32	157.14
10	HAS-40	267.62
12	HAS-48	371.13

Plated Steel

1/2	HAPS-2	4.68
3/4	HAPS-3	4.83
1	HAPS-4	5.84
1-1/4	HAPS-5	6.92
1-1/2	HAPS-6	8.17
2	HAPS-8	11.41
2-1/2	HAPS-10	21.86
3	HAPS-12	26.48
4	HAPS-16	40.95
5	HAPS-20	91.99
6	HAPS-24	105.57
8	HAPS-32	203.88
10	HAPS-40	337.27
12	HAPS-48	482.01

316 Stainless

1/2	HASS-2	20.89
3/4	HASS-3	20.94
1	HASS-4	21.04
1-1/4	HASS-5	26.83
1-1/2	HASS-6	32.27
2	HASS-8	44.55
2-1/2	HASS-10	81.92
3	HASS-12	116.23
4	HASS-16	182.36
5	HASS-20	400.95
6	HASS-24	503.12
8	HASS-32	965.25

Hastelloy®

1	HAHAST-4	POR
1-1/2	HAHAST-6	POR
2	HAHAST-8	POR
3	HAHAST-12	POR
4	HAHAST-16	POR

Brass

1/2	HAB-2	17.13
3/4	HAB-3	24.58
1	HAB-4	24.76
1-1/4	HAB-5	31.41
1-1/2	HAB-6	35.21
2	HAB-8	50.33
2-1/2	HAB-10	88.33
3	HAB-12	120.73
4	HAB-16	247.52

Aluminum

1/2	HAA-2	15.18
3/4	HAA-3	14.41
1	HAA-4	14.41
1-1/4	HAA-5	16.00
1-1/2	HAA-6	16.33
2	HAA-8	19.68
2-1/2	HAA-10	48.00
3	HAA-12	48.00
4	HAA-16	76.78
5	HAA-20	167.97
6	HAA-24	188.75

Poly-Glass

1/2	HAPP-2	0.91
3/4	HAPP-3	1.03
1	HAPP-4	1.47
1-1/4	HAPP-5	3.17
1-1/2	HAPP-6	5.86
2	HAPP-8	7.41
3	HAPP-12	13.96
4	HAPP-16	44.09

BEVELED



Steel

hose size	part number	list each
3/4	HAS-3 BV	6.48
1	HAS-4 BV	6.56
1-1/4	HAS-5 BV	8.69
1-1/2	HAS-6 BV	8.80
2	HAS-8 BV	11.20
2-1/2	HAS-10 BV	22.21
3	HAS-12 BV	26.35
4	HAS-16 BV	40.08
5	HAS-20 BV	86.81
6	HAS-24 BV	101.19
8	HAS-32 BV	181.28
10	HAS-40 BV	320.17
12	HAS-48 BV	453.82

316 Stainless

3/4	HASS-3 BV	25.54
1	HASS-4 BV	26.13
1-1/4	HASS-5 BV	38.97
1-1/2	HASS-6 BV	34.17
2	HASS-8 BV	54.39
2-1/2	HASS-10 BV	96.71
3	HASS-12 BV	122.00
4	HASS-16 BV	182.72
6	HASS-24 BV	502.28
8	HASS-32 BV	797.29

GROOVED



Steel

hose size	part number	list each
3/4	HAGS-3	14.89
1	HAGS-4	10.89
1-1/4	HAGS-5	11.94
1-1/2	HAGS-6	14.32
2	HAGS-8	17.63
2-1/2	HAGS-10	23.71
3	HAGS-12	25.54
4	HAGS-16	37.37
5	HAGS-20	80.79
6	HAGS-24	99.59
8	HAGS-32	171.20
10	HAGS-40	313.73
12	HAGS-48	420.57

316 Stainless

1	HAGSS-4	42.57
1-1/4	HAGSS-5	45.87
1-1/2	HAGSS-6	46.04
2	HAGSS-8	52.41
3	HAGSS-12	142.92
4	HAGSS-16	198.96

REDUCER



Steel

npt x hose	part number	list each
1 x 3/4	HRS-4X3	11.66
1-1/4 x 1	HRS-5X4	15.34
1-1/2 x 1-1/4	HRS-6X5	13.86
2 x 1-1/2	HRS-8X6	16.96
2-1/2 x 2	HRS-10X8	30.96
3 x 2-1/2	HRS-12X10	37.32
4 x 3	HRS-16X12	75.79

Plated Steel

1 x 3/4	HRPS-4X3	11.75
1-1/4 x 1	HRPS-5X4	15.40
1-1/2 x 1-1/4	HRPS-6X5	14.02
2 x 1-1/2	HRPS-8X6	17.63
2-1/2 x 2	HRPS-10X8	32.81
3 x 2-1/2	HRPS-12X10	38.94
4 x 3	HRPS-16X12	78.17

316 Stainless

1 x 3/4	HRSS-4X3	46.16
1-1/4 x 1	HRSS-5X4	56.04
1-1/2 x 1-1/4	HRSS-6X5	83.40
2 x 1-1/2	HRSS-8X6	98.91
2-1/2 x 2	HRSS-10X8	118.67

continued on next page

Other configurations and materials not listed above can be quoted upon request.



PHONE 800-367-3678
FAX 800-367-3670

EXPANDER



Steel

npt x hose	part number	list each
3/4 x 1	HES-3X4	7.67
1 x 1-1/4	HES-4X5	9.70
1-1/4 x 1-1/2	HES-5X6	10.37
1-1/2 x 2	HES-6X8	19.33
2 x 2-1/2	HES-8X10	29.67
2-1/2 x 3	HES-10X12	36.43
3 x 4	HES-12X16	73.35

Plated Steel

3/4 x 1	HEPS-3X4	8.15
1 x 1-1/4	HEPS-4X5	10.32
1-1/4 x 1-1/2	HEPS-5X6	10.84
1-1/2 x 2	HEPS-6X8	21.05
2 x 2-1/2	HEPS-8X10	30.92
2-1/2 x 3	HEPS-10X12	38.49
3 x 4	HEPS-12X16	84.21

316 Stainless

1/2 x 3/4	HESS-2X3	33.48
3/4 x 1	HESS-3X4	31.89
1 x 1-1/4	HESS-4X5	71.72
1 x 1-1/2	HESS-4X6	79.69
1-1/4 x 1-1/2	HESS-5X6	82.90
1-1/4 x 2	HESS-5X8	87.68
1-1/2 x 2	HESS-6X8	95.66
2 x 2-1/2	HESS-8X10	119.55

LONG SHANK



Steel

hose size	part number	list each
1-1/4	HALS-5	18.51
1-1/2	HALS-6	21.28
2	HALS-8	26.09
2-1/2	HALS-10	46.21
3	HALS-12	48.10
4	HALS-16	68.95

Plated Steel

1-1/4	HALPS-5	18.66
1-1/2	HALPS-6	21.64
2	HALPS-8	26.47
2-1/2	HALPS-10	46.35
3	HALPS-12	48.90
4	HALPS-16	70.31

316 Stainless

1-1/4	HALSS-5	64.25
1-1/2	HALSS-6	70.83
2	HALSS-8	81.90
2-1/2	HALSS-10	115.64
3	HALSS-12	149.36
4	HALSS-16	353.35

MENDER



Steel

hose size	part number	list each
3/8	HCS-38	7.34
1/2	HCS-2	6.63
3/4	HCS-3	5.39
1	HCS-4	5.50
1-1/4	HCS-5	8.42
1-1/2	HCS-6	8.25
2	HCS-8	10.89
2-1/2	HCS-10	21.05
3	HCS-12	22.13
4	HCS-16	37.45
5	HCS-20	127.35
6	HCS-24	77.86
8	HCS-32	209.48
10	HCS-40	361.17
12	HCS-48	574.28

Plated Steel

3/8	HCPS-38	7.79
1/2	HCPS-2	7.04
3/4	HCPS-3	5.71
1	HCPS-4	5.81
1-1/4	HCPS-5	8.91
1-1/2	HCPS-6	8.67
2	HCPS-8	11.51
2-1/2	HCPS-10	22.66
3	HCPS-12	23.28
4	HCPS-16	40.13
5	HCPS-20	135.35
6	HCPS-24	82.18
8	HCPS-32	220.32
10	HCPS-40	381.53
12	HCPS-48	604.08

316 Stainless

3/4	HCSS-3	56.81
1	HCSS-4	63.29
1-1/4	HCSS-5	68.17
1-1/2	HCSS-6	80.04
2	HCSS-8	81.14
3	HCSS-12	186.61
4	HCSS-16	219.08

Brass

3/4	HCB-3	14.25
1	HCB-4	14.67
1-1/4	HCB-5	23.75
1-1/2	HCB-6	38.54
2	HCB-8	42.42

TOE NIPPLES AND REDUCING NIPPLES



TOE NIPPLES



Steel

npt x length	part number	list each
1/2 x 1-1/2	RN-2S	1.95
1/2 x 2	RN-2	1.95
3/4 x 1-1/2	RN-3S	2.41
3/4 x 2	RN-3	2.43
1 x 2	RN-4	3.55
1-1/4 x 2	RN-5	4.63
1-1/4 x 2-1/2	RN-5L	5.20
1-1/2 x 2	RN-6	5.53
1-1/2 x 2-1/2	RN-6L	5.91
1-1/2 x 3	RN-6XL	6.72
2 x 2	RN-8	6.89
2 x 2-1/2	RN-8L	7.66
2 x 3	RN-8XL	8.77
2-1/2 x 2-1/2	RN-10S	24.88
3 x 3	RN-12	27.95
3 x 3-1/2	RN-12L	29.96
3 x 4	RN-12XL	33.26

304 Stainless

1/2 x 1-1/2	RNS-2S	9.01
1/2 x 2	RNS-2	9.39
3/4 x 1-1/2	RNS-3S	9.56
3/4 x 2	RNS-3	9.78
1 x 2	RNS-4	14.13
1-1/4 x 2	RNS-5	14.73
1-1/4 x 2-1/2	RNS-5L	15.94
1-1/2 x 2	RNS-6	16.99
1-1/2 x 2-1/2	RNS-6L	17.24
1-1/2 x 3	RNS-6XL	18.04
2 x 2	RNS-8	23.02
2 x 2-1/2	RNS-8L	23.75
2 x 3	RNS-8XL	28.04
2-1/2 x 2-1/2	RNS-10S	66.31
3 x 3	RNS-12	70.68
3 x 3-1/2	RNS-12L	76.63
3 x 4	RNS-12XL	89.40

REDUCING NIPPLES



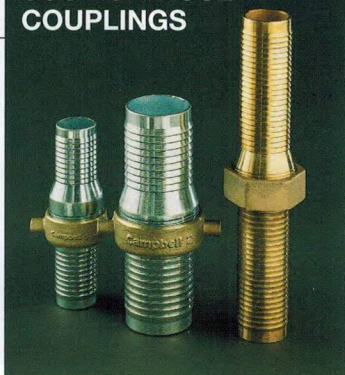
Steel

npt x npt	part number	list each
3/4 x 1/2	NS 3-2	9.62
1 x 3/4	NS 4-3	10.30
1-1/4 x 1	NS 5-4	15.09
1-1/2 x 1-1/4	NS 6-5	16.31
2 x 1-1/2	NS 8-6	17.15
2-1/2 x 2	NS 10-8	34.30
3 x 2-1/2	NS 12-10	37.75
4 x 3	NS 16-12	60.05



A

SUCTION HOSE COUPLINGS



COMPLETE SET



Shanks: Plated Steel Nut: Brass

hose size	part number	list each
1-1/4	CSB-5	44.04
1-1/2	CSB-6	30.90
2	CSB-8	40.28
2-1/2	CSB-10	57.67
3	CSB-12	68.48
4	CSB-16	110.23
6	CSB-24	228.44
8	CSB-32	763.86

Shanks: Plated Steel Nut: Ductile Iron

1-1/2	CSD-6	30.71
2	CSD-8	41.26
2-1/2	CSD-10	60.19
3	CSD-12	70.24
4	CSD-16	111.91
6	CSD-24	241.55

Shanks: Brass Nut: Brass

1-1/4	CBB-5	53.01
1-1/2	CBB-6	47.83
2	CBB-8	63.46
2-1/2	CBB-10	109.08
3	CBB-12	162.66
4	CBB-16	275.70

Shanks: 316 Stainless Nut: 316 Stainless

1-1/2	CSS-6	148.47
2	CSS-8	201.97
3	CSS-12	348.73

FEMALE SHANK



Shank: Plated Steel Nut: Brass

hose size	part number	list each
1-1/4	FSB-5	26.39
1-1/2	FSB-6	17.90
2	FSB-8	20.49
2-1/2	FSB-10	29.63
3	FSB-12	38.02
4	FSB-16	65.76
6	FSB-24	129.84
8	FSB-32	599.56

Shank: Plated Steel Nut: Ductile Iron

1-1/2	FSD-6	17.65
2	FSD-8	21.39
2-1/2	FSD-10	32.14
3	FSD-12	39.83
4	FSD-16	67.44
6	FSD-24	143.03

Shank: Brass Nut: Brass

1-1/4	FBB-5	32.52
1-1/2	FBB-6	28.20
2	FBB-8	38.69
2-1/2	FBB-10	69.42
3	FBB-12	91.65
4	FBB-16	157.30

Shank: 316 Stainless Nut: 316 Stainless

1-1/2	FSS-6	117.38
2	FSS-8	157.09
3	FSS-12	224.42

MALE SHANK



Plated Steel

hose size	part number	list each
1-1/4	MS-5	17.16
1-1/2	MS-6	12.71
2	MS-8	19.30
2-1/2	MS-10	27.30
3	MS-12	29.62
4	MS-16	43.25
6	MS-24	95.89
8	MS-32	159.77

Brass

1-1/4	MB-5	20.48
1-1/2	MB-6	19.76
2	MB-8	23.81
2-1/2	MB-10	49.60
3	MB-12	70.62
4	MB-16	118.52

316 Stainless Steel

1-1/2	MSS-6	31.08
2	MSS-8	44.89
3	MSS-12	124.30

FEMALE LONG SHANK



Shank: Plated Steel Nut: Brass

hose size	part number	list each
1-1/2	LSB-6	43.86
2	LSB-8	51.17
2-1/2	LSB-10	83.27
3	LSB-12	77.14
4	LSB-16	121.79

Shank: Brass Nut: Brass

1-1/2	LBB-6	56.89
2	LBB-8	70.61
2-1/2	LBB-10	106.88
3	LBB-12	151.01
4	LBB-16	247.11

Shank: 316 Stainless Nut: 316 Stainless (includes Teflon Washer)

1-1/2	LSS-6	138.11
2	LSS-8	172.64
3	LSS-12	233.05

FEMALE LONG SHANK (hex nut)



Shank: Brass Hex Nut: Brass

hose size	part number	list each
1-1/2	XLFB-6	89.25
2	XLFB-8	103.14
2-1/2	XLFB-10	138.86
3	XLFB-12	196.35
4	XLFB-16	376.86

MALE LONG SHANK



Plated Steel

hose size	part number	list each
1-1/2	LMS-6	21.05
2	LMS-8	26.31
2-1/2	LMS-10	43.86
3	LMS-12	43.43
4	LMS-16	66.67

Brass

1-1/2	LMB-6	41.66
2	LMB-8	61.48
2-1/2	LMB-10	89.25
3	LMB-12	137.86
4	LMB-16	322.81

316 Stainless

1-1/2	LMSS-6	60.41
2	LMSS-8	88.04
3	LMSS-12	160.55



NH SUCTION HOSE COUPLINGS (NST threads)



COMPLETE SET (NH)



Shanks: Plated Steel

Nut: Brass

hose size	part number	list each
1-1/2	NHS-6	53.94
2-1/2	NHS-10	102.98

Shanks: Brass

Nut: Brass

1-1/2	NHB-6	85.00
2-1/2	NHB-10	171.92

FEMALE SHANK (NH)



Shanks: Plated Steel

Nut: Brass

hose size	part number	list each
1-1/2	FHS-6	31.87
2-1/2	FHS-10	65.38

Shanks: Brass

Nut: Brass

1-1/2	FHB-6	38.64
2-1/2	FHB-10	81.12

MALE SHANK (NH)



Plated Steel

hose size	part number	list each
1-1/2	MHS-6	22.06
2-1/2	MHS-10	37.60

Brass

1-1/2	MHB-6	46.35
2-1/2	MHB-10	90.79

WASHER



Neoprene (NPSM)

hose size	part number	list each
1-1/4	WN-5	0.72
1-1/2	WN-6	0.72
2	WN-8	0.80
2-1/2	WN-10	0.95
3	WN-12	1.49
4	WN-16	1.85
6	WN-24	7.50
8	WN-32	16.23

Teflon® (NPSM)

1-1/2	WT-6	14.02
2	WT-8	16.52
3	WT-12	22.71

Neoprene (NH)

1-1/2	NHW-6	3.18
2-1/2	NHW-10	3.18

SPANNER WRENCH



size	part number	list each
1-1/2	SW-6	9.75
2	SW-8	9.75
3	SW-12	11.68
4	SW-16	11.68
6	SW-32	55.61
8	SW-32	55.61

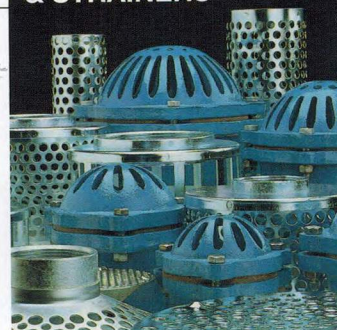
ADJUSTABLE HYDRANT WRENCH



part number	list each
AHW-1	53.29

- Adjustable for 1-1/4" square nuts and pentagon hydrant nuts up to 1-3/4" point to flat.
- Spanner hook for 1-1/2" through 6" pin lug nuts.
- 18" overall length.
- Sold in 5 per carton quantity.

FOOT VALVES & STRAINERS



ROUND HOLE STEEL STRAINER



npsm size	part number	list each
1-1/2	RHS-6	21.33
2	RHS-8	24.34
2-1/2	RHS-10	27.94
3	RHS-12	33.99
4	RHS-16	47.28
6	RHS-24	132.96
8	RHS-32	295.49

SQUARE HOLE STEEL STRAINER



npsm size	part number	list each
1-1/2	SHS-6	22.60
2	SHS-8	25.70
2-1/2	SHS-10	29.55
3	SHS-12	37.76
4	SHS-16	52.54
6	SHS-24	147.76

TOP HOLE STEEL STRAINER



npsm size	part number	list each
1-1/2	THS-6	65.33
2	THS-8	73.10
3	THS-12	165.11

BOTTOM HOLE STEEL STRAINER



npsm size	part number	list each
1-1/2	BHS-6	70.36
2	BHS-8	79.79
3	BHS-12	178.67

FOOT VALVE (painted cast iron)



npt size	part number	list each
1-1/2	FV-6	32.50
2	FV-8	47.80
2-1/2	FV-10	61.05
3	FV-12	79.60
4	FV-16	132.34
6	FV-24	326.56
8	FV-32	649.43

Foot Valve components are available upon request.