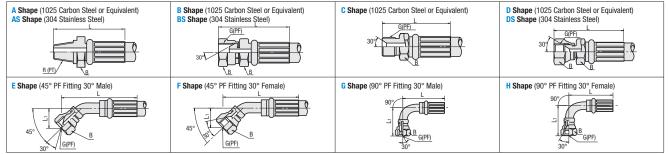
Hydraulic Rubber Hoses

Hydraulic Rubber Hoses Type 7.0 MPa Type | 14.0 MPa Type | 20.6 MPa Type Operating Temp. Range Synthetic Rubber 1025 Carbon Steel or Equivalent -40-100°C (Reinforcement: Hard Steel Wire) Both Ends Inner Tube: Polyester Elastomer -40-100°C Reinforcement: Polyester Fiber Outer Covering: Polyurethane Elastomer (60°C for Water) ① For Max. Operating Pressure of HOMCR, see Hose Dimensions Table. Material Surface Treatment ABCDEFGH 1025 Carbon Steel or Equivalent Trivalent Chromate AS BS DS 304 Stainless Steel

Swage Fitting Shapes



Hose Dimensions

		HOST_			HOSC_			HOSYR_			HOSYR_			HOSYR_	
Hose Nom. I.D.	I.D. (mm)	Min. Bending Radius (mm)	Max. Op. Press (Mpa)												
6	6.3	40		6.3	45		6.3	45		6.3	30	19.0	6.3	50	
9	9.5	50		9.5	55		9.5	60		9.5	50	15.5	9.5	65	20.6
12	12.7	60	7.0	12.7	70	14.0	12.7	80	20.6	12.7	60	13.5	12.7	80	
15	15.9	80	7.0	15.9	95	14.0	15.9	110	20.6		_			_	
19	19.0	100		19.0	110		19.0	130			_			_	
25	25.4	120]	25.4	140		25.4	180							

Swage Fitting Size List

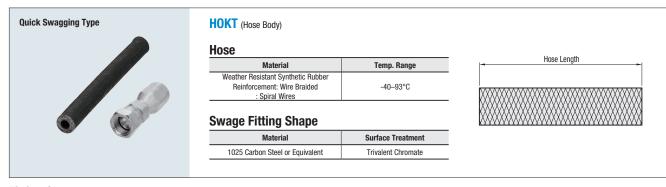
		A Sh	ape	B Sha	ape	C Sha	ape	D Sha	ape	1	E Shape		1	F Shape		(3 Shape			Shape H	
Hose Nominal I.D.	R (PT) G (PF)	B (Wrench Flats)	L	L ₁																	
6	1/4	19	51.5	19	51.5	19	48.0	19	51.5	19	69.0	26.0	19	69.0	26.0	19	52.0	44.5	19	52.0	44.5
9	3/8	22	62.5	22	62.5	22	59.0	22	62.5	22	88.0	28.5	22	88.0	28.5	22	68.0	51.5	22	68.0	51.5
12	1/2	27	69.5	27	69.5	27	67.0	27	69.5	27	96.0	33.0	27	96.0	33.0	27	76.0	59.5	27	76.0	59.5
15	3/4	36	71.9	36	76	36	71.9	36	76	36	116.0	41.5	36	116.0	41.5	36	99.0	77.0	36	99.0	77.0
19	3/4	36	78.5	36	78.5	36	75.0	36	78.5	36	118.0	41.5	36	118.0	41.5	36	98.5	77.0	36	98.5	77.0
25	1	41	86.5	41	90	41	86.5	41	90	41	131.0	47.5	41	131.0	47.5	41	116.0	90.5	41	116.0	90.5

O Hose nominal I.D. 15 is not selectable for 304 Stainless Steel swaged metals.

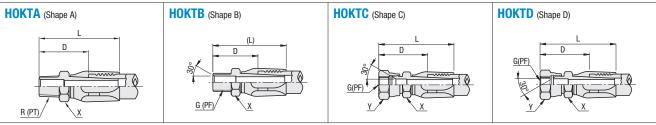
Part Number		I		_										
Type	Hose Nominal I.D.	Hose Length 0.1 m Increment	Left End Swaged Shape	d	R Right End Swaged Shape	Hose Protection Spring Guard		Part Number Example Change Hose Protection Hose Protection						
Dath Fada Fitting	6 9						Part Numb	er - Hose Length - Shape L - Shape R - (Left) - (Right)						
Both Ends Fitting HOSTR	12	1				LSG (Left)	HOSYR9 - 1.2 - LB - RA - LSG - RSG							
HOSCR	15	1				RSG (Right)								
HOSYR	19					(9)		Part Number Alterations						
	25		LA LI	- 1	RA RB		0	Alterations						
Wire Braided Both Ends Fitting	6		LC LI	- 1	RC RD		Part Numb	er - Hose Length - Shape L - Shape R - Hose Protection (Left) - Hose Protection (Right) - (EAS)						
(1025 Carbon Steel) HOSTW	9		LG LI		RG RH		HOSYRS							
HOSCW	12	0.3-20.0		DS	RAS RBS		Alterations	Elbow Angle						
HOSYRW (304 Stainless Steel)	15					_	Code	EAS						
HOSTS	19							When choosing swaged ends with elbows (E, F, G, H), specify the elbow angles. Specifies the angle of the right elbow from left elbow (RE, RF, RG, RH) as the basis.						
HOSCS HOSYRS	25							(When not specified) (Specifying angle)						
Hydraulic Plastic Hoses –	6			_			Spec.	270° Ordering Code:						
Both Ends Swaged HOMCR	9		LA L	B D	RA RB RC RD	_		Both left and right elbows are in the same direction Left elbow angle Select from EAS90, EAS180 and EAS270.						
HOMYR	12			٦				as reference						

Hydraulic Rubber Hoses

Quick Swaging Type



Fitting Shapes



Hose Dimensions

			HOKT								
Hose Nominal I.D.	I.D.	0.D.	Min. Bending Radius (mm)	Max. Operating Pressure (Mpa)	Min. Destructive Pressure (Mpa)						
6	6.4	14.7	85	20.7	82.7						
7	7.9	17.1	100	15.5	62.0						
12	12.7	23.4	140	12.1	48.3						
15	15.9	27.4	165	10.3	41.4						

Swaging Part Size List

omaging i	a o.z.														
llana	D (DT)	HOKTA	HOKTA (A Shape)			(B Shape)		HOKTC (C Shape)		HOKTD (D Shape)			
Hose Nominal I.D.	R (PT) G (PF)	X (Wrench Flats)	D	L	X (Wrench Flats)	D	L	X (Wrench Flats)	Y (Wrench Flats)	D	L	X (Wrench Flats)	Y (Wrench Flats)	D	L
6	1/4	17	32	52	17	32	52	17	19	37	57	17	19	37	57
7	3/8	19	36	59	19	36	59	19	22	41	64	19	22	41	64
12	1/2	22	43	76	22	43	76	22	27	47	80	22	27	47	80
15	3/4	30	48	88	30	48	88	30	36	53	93	30	36	53	93

Part Nui	mber	Hose Length
Туре	Hose Nominal I.D.	0.1 m Increment
	6	
HOKT	7	0.0.40.0
HOKT	12	0.3–10.0
		1

Туре	Hose Nominal I.D.
HOKTA	6
ноктв	7
HOKTC	12
HOKTD	15

Features

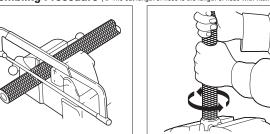
- Length is determined based on machine in order to assemble

Precautions for Use

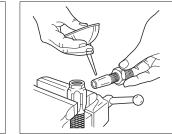
- Due to customer assembly, it is not applicable to PL Law (Product Liability Law). Please note that any trouble after assembly will be self-responsibility.

Part Number Part Number H0KT12 -

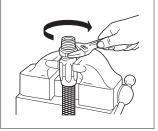
Assembling Procedure (O) The cut length of hose is the length of hose with fitting deducted of D dimension of both ends fitting.)



(1) Hose is cut perpendicular to axial direction. Use (2) Nip the socket into the vice, insert the hose. saw to cut the hose, thereafter, remove to clear cutting chips from inside the hose. While rotating counterclockwise, screw all the way completely, then return ¼ rotation.



(3) Apply assembly lubricant to nipple outer surface and hose inner surface.



(4) While rotating the nipple clockwise, screw into the socket, and make the clearance between hexagon of nipple and socket to become 0.2–1.0 mm.





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