

SWAGING CHARTS 01/2026 Hydraulic Hoses

Must be strictly observed
Use only specified ferrules references

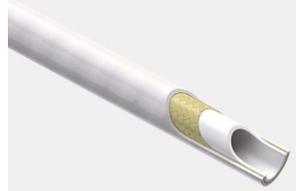
General Tolerance : +0,1 , -0,2 mm

All swaging \varnothing are based on the dimensions and standards of mentioned hoses
Differents hoses or rubber quality require other swaging diameters. For this it is recommended to make hydrostatic pressure tests according DIN EN ISO 1402

HOSES		SIZES			FERRULES	
THERMOPLASTIC SAE 100 R7 DIN EN 855/R7 Ref Hose : H R7 DN XX		DN	Inch	Dash	Ref 	\varnothing Swage
		05	3/16"	#03	FR P8 DN 05 SS	\varnothing 11,7 mm
		06	1/4"	#04	FR P8 DN 06 SS	\varnothing 14,6 mm
		08	5/16"	#05	FR P8 DN 08 SS	\varnothing 15,7 mm
		10	3/8"	#06	FR P8 DN 10 SS	\varnothing 18,7 mm
		12	1/2"	#08	FR P8 DN 12 SS	\varnothing 21,7 mm
		16	5/8"	#10	FR P8 DN 16 SS	\varnothing 26,7 mm
		19	3/4"	#12	FR P8 DN 19 SS	\varnothing 28,8 mm
		25	1"	#16	FR P8 DN 25 SS	\varnothing 36,0 mm

HOSES		SIZES			FERRULES	
THERMOPLASTIC SAE 100 R8 DIN EN 855/R8 Ref Hose: H R8 DN XX		DN	Inch	Dash	Ref 	\varnothing Swage
		05	3/16"	#03	FR P8 DN 05 SS	\varnothing 11,6 mm
		06	1/4"	#04	FR P8 DN 06 SS	\varnothing 14,9 mm
		08	5/16"	#05	FR P8 DN 08 SS	\varnothing 15,8 mm
		10	3/8"	#06	FR P8 DN 10 SS	\varnothing 18,8 mm
		12	1/2"	#08	FR P8 DN 12 SS	\varnothing 21,0 mm
		16	5/8"	#10	FR P8 DN 16 SS	\varnothing 25,5 mm

HOSES		SIZES			FERRULES	
THERMOPLASTIC SAE 100 R8 Anti Abrasion TRANSFER OIL 075 Ref Hose : H R8-TO-0751 DN XX		DN	Inch	Dash	Ref 	\varnothing Swage
		05	3/16"	#03	FR P8 DN 05 SS	\varnothing 11,3 mm
		06	1/4"	#04	FR P8 DN 06 SS	\varnothing 14,5 mm
		08	5/16"	#05	FR P8 DN 08 SS	To be Confirm
		10	3/8"	#06	FR P8 DN 10 SS	To Be Confirm
		12	1/2"	#08	FR P8 DN 12 SS	To be Confirm

HOSES		SIZES			FERRULES	
THERMOPLASTIC SAE 100 R8 Yachting TRANSFER OIL 055 Ref Hose H R8-TO-0551 DN XX		DN	Inch	Dash	Ref 	\varnothing Swage
		05	3/16"	#03	FR P8 DN 05 SS	\varnothing 11,3 mm
		06	1/4"	#04	FR P8 DN 06 SS	\varnothing 14,5 mm
		08	5/16"	#05	FR P8 DN 08 SS	\varnothing mm
		10	3/8"	#06	FR P8 DN 10 SS	\varnothing mm
		12	1/2"	#08	FR P8 DN 12 SS	\varnothing mm

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Hydraulic Hoses

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HOSES	SIZES			FERRULES	
	DN	Inch	Dash	Ref	\varnothing Swage
THERMOPLASTIC Very High Pressure TRANSFER OIL 046 Ref Hose H 46 VHP 046X					
	06	1/4"	#04	FR VHP SAF821 DNC	\varnothing 16,8 mm
	10	3/8"	#06	FR VHP SAF841 DN1	\varnothing 21,6 mm



HOSES	SIZES			FERRULES	
	DN	Inch	Dash	Ref	\varnothing Swage
RUBBER SAE 100 R1AT DIN EN 853/ 1SN					
	06	1/4"	#04	FR P5 DN 06 SS	\varnothing 17,9 mm
	08	5/16"	#05	FR P5 DN 08 SS	\varnothing 18,8 mm
	10	3/8"	#06	FR P5 DN 10 SS	\varnothing 20,6 mm
	12	1/2"	#08	FR P5 DN 12 SS	\varnothing 23,6 mm
	16	5/8"	#10	FR P5 DN 16 SS	\varnothing 27,5 mm
	19	3/4"	#12	FR P5 DN 19 SS	\varnothing 30,0 mm
	25	1"	#16	FR P5 DN 25 SS	\varnothing 38,5 mm



HOSES	SIZES			FERRULES	
	DN	Inch	Dash	Ref	\varnothing Swage
Rubber SAE 100 R2AT DIN EN 853/ 2SN					
	06	1/4"	#04	FR P5 DN 06 SS	\varnothing 18,6 mm
	08	5/16"	#05	FR P5 DN 08 SS	\varnothing 19,7 mm
	10	3/8"	#06	FR P5 DN 10 SS	\varnothing 21,4 mm
	12	1/2"	#08	FR P5 DN 12 SS	\varnothing 24,3 mm
	16	5/8"	#10	FR P5 DN 16 SS	\varnothing 28,1 mm
	19	3/4"	#12	FR P5 DN 19 SS	\varnothing 31,9 mm
	25	1"	#16	FR P5 DN 25 SS	\varnothing 40,0 mm



HOSES	SIZES			FERRULES	
	DN	Inch	Dash	Ref	\varnothing Swage
RUBBER DIN EN 853/ 1SC Ref Hose H R1 SC DNXX					
	06	1/4"	#04	FR P8 DN 06 SS	\varnothing 15,2 mm
	08	5/16"	#05	FR P8 DN 08 SS	\varnothing 15,7 mm
	10	3/8"	#06	FR P8 DN 10 SS	\varnothing 18,7 mm
	12	1/2"	#08	FR P8 DN 12 SS	\varnothing 21,2 mm
	16	5/8"	#10	FR P8 DN 16 SS	\varnothing 25,5 mm



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HOSES RUBBER	SIZES			FERRULES	
	DN	Inch	Dash	Ref 	\varnothing Swage
DIN EN 853/ 2SC					
	06	1/4"	#04	FR P5 DN 06 SS	\varnothing 18,2 mm
	08	5/16"	#05	FR P5 DN 08 SS	\varnothing 19,0 mm
	10	3/8"	#06	FR P5 DN 10 SS	\varnothing 20,6 mm
	12	1/2"	#08	FR P5 DN 12 SS	\varnothing 23,5 mm
	16	5/8"	#10	FR P5 DN 16 SS	\varnothing 27,7 mm
	19	3/4"	#12	FR P5 DN 19 SS	\varnothing 31,1 mm
	25	1"	#16	FR P5 DN 25 SS	\varnothing 39,1 mm

HOSES PTFE / ARAMIDE	SIZES			FERRULES	
	DN	Inch	Dash	Ref 	\varnothing Swage
Ref H PTFE-AM-XX					
	9,4	3/8"	#06	FR PTFE AM06 D	\varnothing 15,3 mm
	10,9	1/2"	#08	FR PTFE AM08 D	\varnothing 17,6 mm
	13,7	5/8"	#10	FR PTFE AM10D	\varnothing 22,2 mm
	16,7	1"1/16	#12	FR PTFE AM12 D	\varnothing 23,5 mm
	22,1	1"1/16	#16	FR PTFE AM16D	\varnothing 27,7 mm

HOSES RUBBER SPECIAL STEERING	SIZES			FERRULES	
	DN	Inch	Dash	Ref 	\varnothing Swage
DIN EN 853/ 1SC Ref Hose H R1 SC DNXX ST					
	08	5/16"	#05	FR D8 DN 08 SS	\varnothing 15,4 mm

HOSES THERMOPLASTIC SPECIAL STEERING	SIZES			FERRULES	
	DN	Inch	Dash	Ref 	\varnothing Swage
Ref Hose : H ST DN08					
	08	5/16"	#05	FR D8 DN 08 SS	\varnothing 15,0 mm