



Very High Pressure

TFSM015

EN 856 R15 - SAE 100 R15 (6000 PSI)

R15

Dash	Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
12	004N-12	34.1	52	15	Inter-Lock	SKIVE				
16	004N-16	42.6	64	17	Inter-Lock	SKIVE	X004N-16	42.6	64	17
20	0013-20	54.2	74	22	Inter-Lock	SKIVE	X0013-20	54.2	74	22
24	0013-24	60.2	81	22.5	Inter-Lock	SKIVE	X0013-24	60.3	74	22.5
32	0013-32	78.3	85	30	Inter-Lock	SKIVE	X0013-32	77.9	85	30

TFSM013

EN 856 R13 - SAE 100 R13 (5000 PSI)

R13

Dash	Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
06	00S4-06	23.7	36	13	Waterblast	SKIVE				
08	00S4-08	28.2	36	16	Waterblast	SKIVE				
12	004N-12	34.1	52	15	Inter-Lock	SKIVE	X004N-12	34.1	52	15
16	004N-16	42.6	64	17	Inter-Lock	SKIVE	X004N-16	42.6	64	17
20	0013-20	54.2	74	22	Inter-Lock	SKIVE	X0013-20	54.2	72	22
24	0013-24	60.5	81	22.5	Inter-Lock	SKIVE	X0013-24	60.3	74	22.5
	BMC2-24	65.5			Standard	NO SKIVE				
32	0013-32	77.9	85	30	Inter-Lock	SKIVE	X0013-32	77.9	85	30

Dash	Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
04	0013S04	25.5	34		MultiSpiral	SKIVE				
06	0013S06	27	37		MultiSpiral	SKIVE				
08	0013S08	32	36		MultiSpiral	SKIVE				

TFDM4SH

EN 856 4SH - DIN 20023 4SH

4SH

Dash	Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
12	004N-12	33	52	15	Inter-Lock	SKIVE	X004N-12	33	52	15
	BMC2-12	38.6			MultiSpiral	NO SKIVE				
16	004N-16	41.5	64	17	Inter-Lock	SKIVE	X004N-16	41.5	64	17
	BMC1-16	46.3			Standard	NO SKIVE				
20	004N-20	50.5	74	22	Inter-Lock	SKIVE	X004N-20	50.5	74	22
	BMC1-20	53.4			Standard	NO SKIVE				
24	004N-24	56.8	81	22.5	Inter-Lock	SKIVE	X004N-24	57	81	22.5
32	004N-32	72.7	85	30	Inter-Lock	SKIVE	X004N-32	72	85	30

Dash	Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
12	0009-12	33.8	33		Standard	SKIVE				
12	0019-12	34.6	39		MultiSpiral	SKIVE				
16	0019-16	42.2	56		MultiSpiral	SKIVE				
20	004H-20	48.5	54		Standard	SKIVE				
24	004H-24	57.9	62		Standard	SKIVE				
32	004H-32	70.5	64		Standard	SKIVE				



Very High Pressure

THE003K
Hipac 3SK

3SK

Dash	0002 Mild Steel				Hose Tail	Skive	X0022 Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
06	0002-06	22	24		Standard	SKIVE	X0022-06	21.5	21.5	
08	0002-08	26.2	25		Standard	SKIVE	X0022-08	24	23.5	
10	0002-10	29.2	27		Standard	SKIVE				
12	0002-12	34.1	31		Standard	SKIVE	X0022-12	33.3	31	
16	0002-16	42.5	37		Standard	SKIVE	X0022-16	40.8	35	

TFDM4SP
EN 856 4SP - DIN 20023 4SP

4SP

Dash	0009 Mild Steel				Hose Tail	Skive	X0022 Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
04	0009-04	18.5	22		Standard	SKIVE	X0022-04	18.4	21.5	
06	0009-06	23.2	26		Standard	SKIVE	X0022-06	22.4	21.5	
08	0009-08	26.5	28		Standard	SKIVE	X0022-08	25.7	23.5	
10	0009-10	30.1	31		Standard	SKIVE	X0022-10	29.4	28	
12	0009-12	33.8	33		Standard	SKIVE	X0022-12	33.8	31	
16	0009-16	42.3	48		Standard	SKIVE	X0022-16	40.2	35	
20	0009-20	51.2	54		Standard	SKIVE	X0022-20	52.4	40.5	
24	0009-24	60.3	62		Standard	SKIVE	X0022-24	56.5	48	
32	0009-32	73.8	64		Standard	SKIVE	X0022-32	70.5	57	

Dash	004N Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
12	004N-12	33.1	52	15	Inter-Lock	SKIVE				
16	004N-16	41.5	64	17	Inter-Lock	SKIVE				

Dash	BMC Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
06	BMC1-06	26.4			Standard	NO SKIVE				
12	BMC2-12	37.7			MultiSpiral	NO SKIVE				
16	BMC1-16	46			Standard	NO SKIVE				
20	BMC2-20	57.3			Standard	NO SKIVE				
24	BMC2-24	63.8			Standard	NO SKIVE				

Dash	0019 Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
04	0019-04	18.4	30		MultiSpiral	SKIVE				
06	0019-06	23.4	31		MultiSpiral	SKIVE				
08	0019-08	27	34		MultiSpiral	SKIVE				
10	0019-10	29.8	38		MultiSpiral	SKIVE				
12	0019-12	34.9	39		MultiSpiral	SKIVE				
16	0019-16	42.7	56		MultiSpiral	SKIVE				



Very High Pressure

TFS0012
 EN 856 R12 - SAE 100 R12

R12

Dash	Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
06	BMC1-06	26.4			Standard	NO SKIVE				
08	0009-08	27	28		Standard	SKIVE				
10	0009-10	30.6	31		Standard	SKIVE				
12	0009-12	33.2	33		Standard	SKIVE				
12	BMC1-12	37.2			Standard	NO SKIVE	X0012-12	33.2	31	
16	BMC1-16	45.4			Standard	NO SKIVE				
20	BMC2-20	56.5			Standard	NO SKIVE				
24	0009-24	59	62		Standard	SKIVE				
32	004H-32	70.5	64		Standard	SKIVE				



High-Medium Pressure

TFS0017
SAE 100 R17 (3000 PSI)

R17

Dash	001C Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
03	001C-03	13.5			Standard	NO SKIVE				
04	001C-04	15.2			Standard	NO SKIVE				
05	001C-05	16.9	NEW FORGED FERRULE		Standard	NO SKIVE				
06	001C-06	19.8			Standard	NO SKIVE				
08	001C-08	22.8			Standard	NO SKIVE				
12	001C-12	30.7	NEW FORGED FERRULE		Standard	NO SKIVE				
16	001C-16	39.2	from 01/04/2014		Standard	NO SKIVE				

TFD0002
EN 853 2ST SAE 100R2A

2ST R2A

Dash	0002 Mild Steel				Hose Tail	Skive	X0022 Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
03	0002-03	16.6	21		Standard	SKIVE				
04	0002-04	17.8	22		Standard	SKIVE	X0022-04	17.7	21.5	
05	0002-05	20.5	22		Standard	SKIVE	X0022-05	19.2	21.5	
06	0002-06	22.1	24		Standard	SKIVE	X0022-06	21.5	21.5	
08	0002-08	25.1	25		Standard	SKIVE	X0022-08	24.8	23.5	
10	0002-10	28.5	27		Standard	SKIVE	X0022-10	28	28	
12	0002-12	33	31		Standard	SKIVE	X0022-12	32.8	31	
16	0002-16	40.3	37		Standard	SKIVE	X0022-16	39.4	35	
20	0002-20	50.8	43		Standard	SKIVE	X0022-20	52.7	40.5	
24	0002-24	57.2	45		Standard	SKIVE	X0022-24	56.5	48	
32	0002-32	69.5	61		Standard	SKIVE	X0022-32	70.6	57	



High-Medium Pressure

TFD0021; THD0021 Kaizen ; TFDH0021 (High Temp)
 EN 853 2SN - DIN 20022 2SN EXCEEDS SAE 100 R2AT

2SN R2AT

Dash	0022 Mild Steel				Hose Tail	Skive	X0022 Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
03	0022-03	16.2			Standard	NO SKIVE	X0022-03			
04	0022-04	17.5	NEW FORGED FERRULE		Standard	NO SKIVE	X0022-04	18.4		
05	0022-05	19.9			Standard	NO SKIVE	X0022-05	20.3		
06	0022-06	20.9	NEW FORGED FERRULE		Standard	NO SKIVE	X0022-06	22.3		
08	0022-08	25.1	NEW FORGED FERRULE		Standard	NO SKIVE	X0022-08	25.8		
10	0022-10	28.5††	from 29/01/2013		Standard	NO SKIVE	X0022-10	29.4		
12	0022-12	32.3	from 13/02/2014		Standard	NO SKIVE	X0022-12	33.4		
16	0022-16	40.8	NEW FORGED FERRULE		Standard	NO SKIVE	X0022-16	40.5		
20	0022-20	50.9			Standard	NO SKIVE	X0022-20	53.2		
24	0022-24	58			Standard	NO SKIVE	X0022-24	57.1		
32	0022-32	71			Standard	NO SKIVE	X0022-32	72.3		

Dash	0002 Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
03	0002-03	16.7	21		Standard	SKIVE				
04	0002-04	17.8	22		Standard	SKIVE				
05	0002-05	20.5	22		Standard	SKIVE				
06	0002-06	21.9	24		Standard	SKIVE				
08	0002-08	25.1	25		Standard	SKIVE				
10	0002-10	28.7	27		Standard	SKIVE				
12	0002-12	33	31		Standard	SKIVE				
16	0002-16	40.3	37		Standard	SKIVE				
20	0002-20	50.8	43		Standard	SKIVE				
24	0002-24	57.2	45		Standard	SKIVE				
32	0002-32	69.5	61		Standard	SKIVE				
40	0002-40	85		KAIZEN	Standard	SKIVE				
48	0002-48	95		KAIZEN	Standard	SKIVE				

Dash	0021 Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
20	0021-20	50.4			Standard	NO SKIVE				
24	0021-24	57.9			Standard	NO SKIVE				
32	0021-32	70.8			Standard	NO SKIVE				

†† for 0022-10 Ferrules supplied from 29/01/2013



High-Medium Pressure

TFE002K; THE002K Hipac LONG LIFE; TFB002K (Hydro 400 bar) ;
TFN002K (Hydro 400 bar)
EN 857 2SC - 2SN K

2SC 2SNK

Dash	001C Mild Steel				Hose Tail	Skive	X001C Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
03	001C-03	14.7			Standard	NO SKIVE	X001C-03	16.1		
04	001C-04	16.1			Standard	NO SKIVE	X001C-04	16.6		
05	001C-05	17.7	NEW FORGED FERRULE		Standard	NO SKIVE	X001C-05	18		
06	001C-06	20.4†	from 24/01/2013		Standard	NO SKIVE	X001C-06	20.8		
08	001C-08	23.2			Standard	NO SKIVE	X001C-08	24		
10	001C-10	26.8	NEW FORGED FERRULE		Standard	NO SKIVE	X001C-10	28		
12	001C-12	30.7	NEW FORGED FERRULE		Standard	NO SKIVE	X001C-12	30.7		
16	001C-16	38.6	from 01/04/2014		Standard	NO SKIVE	X001C-16	39.9		
20	001C-20	47.3			Standard	NO SKIVE	X001C-20	49.7		
24	001C-24				Standard	NO SKIVE	X001C-24	54.5		
32					Standard	NO SKIVE				
40					Standard	NO SKIVE				

Dash	0022 Mild Steel				Hose Tail	Skive	X0022 Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
03	0022-03				Standard	NO SKIVE				
04	0022-04	16.7	NEW FORGED FERRULE		Standard	NO SKIVE	X0022-04	17.8		
05	0022-05	18.7			Standard	NO SKIVE	X0022-05	19.5		
06	0022-06	20.1	NEW FORGED FERRULE		Standard	NO SKIVE	X0022-06	21.6		
08	0022-08	24.3	NEW FORGED FERRULE		Standard	NO SKIVE	X0022-08	25.2		
10					Standard	NO SKIVE	X0022-10	28.2		
12	0022-12	USE 001C-12			Standard	NO SKIVE	X0022-12	32.4		
16	001C-16	USE 001C-16			Standard	NO SKIVE	X0022-16	39.4		
32	0022-32	69.1			Standard	NO SKIVE				
40	0002-40	82.5		Hipac	Standard	SKIVE				
48	0002-48			Hipac	Standard	SKIVE				

† for 001C-06 Ferrules supplied from 24/01/2013

†† for 0022-10 Ferrules supplied from 29/01/2013



High-Medium Pressure

TFD0011

EN 853 1SN - DIN 20022 1SN - SAE 100 R1AT

1SN R1AT

Dash	001C Mild Steel				Hose Tail	Skive	X001C Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
03	001C-03	14.5			Standard	NO SKIVE	X001C-03	16.1		
04	001C-04	15.9			Standard	NO SKIVE	X001C-04	16.6		
05	001C-05	17.8	NEW FORGED FERRULE		Standard	NO SKIVE	X001C-05	18		
06	001C-06	20.4†	from 24/01/2013		Standard	NO SKIVE	X001C-06	20.8		
08	001C-08	23.4			Standard	NO SKIVE	X001C-08	24		
10	001C-10	26.8	NEW FORGED FERRULE		Standard	NO SKIVE	X001C-10	28		
12	001C-12	31	NEW FORGED FERRULE		Standard	NO SKIVE	X001C-12	30.7		
16	001C-16	38.8	from 01/04/2014		Standard	NO SKIVE	X001C-16	39.9		
20					Standard	NO SKIVE	X001C-20	49.7		
24					Standard	NO SKIVE	X001C-24	54.5		
32					Standard	NO SKIVE	X001C-32	70.4		

Dash	0001 Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
03	0001-03	14.9	20		Standard	SKIVE				
04	0001-04	17.2	23		Standard	SKIVE				
05	0001-05	19.2	23		Standard	SKIVE				
06	0001-06	21.1	24		Standard	SKIVE				
08	0001-08	25	25		Standard	SKIVE				
10	0001-10	28.3	27		Standard	SKIVE				
12	0001-12	32.3	31		Standard	SKIVE				
16	0001-16	39.9	37		Standard	SKIVE				
20	0001-20	47.4	46		Standard	SKIVE				
24	0001-24	52.3	44		Standard	SKIVE				
32	0001-32	68.5	60		Standard	SKIVE				

Dash	0022 Mild Steel				Hose Tail	Skive	X0022 Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
03	0022-03	15.2			Standard	NO SKIVE	X0022-03			
04	001C-04	USE 001C-04			Standard	NO SKIVE	X0022-04	17.8		
05	0022-05	18.7			Standard	NO SKIVE	X0022-05	19.5		
06	0022-06	20.1	NEW FORGED FERRULE		Standard	NO SKIVE	X0022-06	21.6		
08	0022-08	24.3	NEW FORGED FERRULE		Standard	NO SKIVE	X0022-08	25.1		
10					Standard	NO SKIVE	X0022-10	28.3		
12	0022-12	USE 001C-12			Standard	NO SKIVE	X0022-12	32.2		
16	001C-16	USE 001C-16			Standard	NO SKIVE	X0022-16	39.3		
20	0022-20	48			Standard	NO SKIVE	X0022-20	51.7		
24	0022-24	55.2			Standard	NO SKIVE	X0022-24	54.9		
32	0022-32	68.5			Standard	NO SKIVE	X0022-32	70		

Dash	0011 Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
16	0011-16	37.5			Standard	NO SKIVE				
20	0011-20	47.5			Standard	NO SKIVE				
24	0011-24	53.6			Standard	NO SKIVE				
32	0011-32	68.7			Standard	NO SKIVE				

† for 001C-06 Ferrules supplied from 24/01/2013



High-Medium Pressure

TFD0001
EN 853 1ST SAE 100R1A

1ST R1A

Dash	0001 Mild Steel				Hose Tail	Skive	X001C Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
03	0001-03	14.9	20		Standard	SKIVE				
04	0001-04	17.2	23		Standard	SKIVE	X001C-04	16.4	21	
05	0001-05	19.2	23		Standard	SKIVE	X001C-05	16.8	19.5	
06	0001-06	21.1	24		Standard	SKIVE	X001C-06	20.4	22	
08	0001-08	25	25		Standard	SKIVE	X001C-08	23.3	24.5	
10	0001-10	28.3	27		Standard	SKIVE	X001C-10	27.1	27	
12	0001-12	32.3	31		Standard	SKIVE	X001C-12	29.5	30.5	
16	0001-16	39.9	37		Standard	SKIVE	X001C-16	39	39	
20	0001-20	47.4	46		Standard	SKIVE	X001C-20	49	39.5	
24	0001-24	53	44		Standard	SKIVE	X001C-24	53.4	46.5	
32	0001-32	68.5	60		Standard	SKIVE	X001C-32	68.2	62	

TFE001K; THE101K - HYPRESS - Long life - Hydro 250 TFB001K / TNF001K
EN 857 1SC - 1SN K

1SC 1SNK

Dash	001C Mild Steel				Hose Tail	Skive	X001C Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
03	001C-03				Standard	NO SKIVE	X001C-03			
04	001C-04	15.3			Standard	NO SKIVE	X001C-04	16.1		
05	001C-05	16.9	NEW FORGED FERRULE		Standard	NO SKIVE	X001C-05	17.7		
06	001C-06	19.8†	from 24/01/2013		Standard	NO SKIVE	X001C-06	19.5		
08	001C-08	22.6			Standard	NO SKIVE	X001C-08	23.5		
10	001C-10	26	NEW FORGED FERRULE		Standard	NO SKIVE	X001C-10	27.4		
12	001C-12	30.1	NEW FORGED FERRULE		Standard	NO SKIVE	X001C-12	30		
16	001C-16	37.4	from 01/04/2014		Standard	NO SKIVE	X001C-16	38.4		
20	001C-20				Standard	NO SKIVE	X001C-20			

† for 001C-06 Ferrules supplied from 24/01/2013



High-Medium Pressure

TFN0011; TFB0011
 EN 853 1SN / R1T - JETWASH

1SN R1T JETWASH

Dash	0001 Mild Steel				Hose Tail	Skive	X001C Stainless Steel				
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.	
04	0001-04	17.2	23		Standard	SKIVE	X001C-04	16.4	21		
05	0001-05	19.2	23		Standard	SKIVE	X001C-05	16.8	19.5		
06	0001-06	21.1	24		Standard	SKIVE	X001C-06	20.4	22		
08	0001-08	25	25		Standard	SKIVE	X001C-08	23.3	24.5		

TFN0021; TFB0021
 EN 853 2SN/ R2T - JETWASH

2SN R2T JETWASH

Dash	0002 Mild Steel				Hose Tail	Skive	X0022 Stainless Steel				
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.	
04	0002-04	17.8	22		Standard	SKIVE	X0022-04	17.7	21.5		
05	0002-05	20.5	22		Standard	SKIVE	X0022-05	19.2	21.5		
06	0002-06	21.7	24		Standard	SKIVE	X0022-06	21.5	21.5		
08	0002-08	25.1	25		Standard	SKIVE	X0022-08	24.8	23.5		

TF-1PS
 Sewer Jetting hose

Sewer Jetting

Dash	0022 Mild Steel				Hose Tail	Skive	Stainless Steel				
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.	
08	0022-08	24.8	NEW FORGED FERRULE		Standard	NO SKIVE	X0022-08	25.3			
12	0022-12	33	NEW FORGED FERRULE		Standard	NO SKIVE	X0022-12	33			
16	0022-16	40.7	NEW FORGED FERRULE		Standard	NO SKIVE					
20	0022-20	50			Standard	NO SKIVE					



Low Pressure

TFS0003
EN 854 R3

R3

Dash	0003 Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
03	0003-03	14.6			Standard	NO SKIVE				
04	0003-04	17			Standard	NO SKIVE	X001C-04	17.8		
05	0003-05	18.4			Standard	NO SKIVE				
06	0003-06	21.1			Standard	NO SKIVE				
08	0003-08	25.7			Standard	NO SKIVE				
10	0003-10	29.7			Standard	NO SKIVE				
12	0003-12	33.2			Standard	NO SKIVE				
16	0003-16	40.5			Standard	NO SKIVE				
20	0003-20	46.2			Standard	NO SKIVE				
24	0003-24				Standard	NO SKIVE				
32	0003-32				Standard	NO SKIVE				

TFS0004
SAE 100 R4

R4

Dash	Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
12	0003-12	34.5			Standard	NO SKIVE				
16	001C-16	40	from 01/04/2014		Standard	NO SKIVE	X001C-16	41.1		
20	0003-20	48.3			Standard	NO SKIVE				
20	0011-20	47.5			Standard	NO SKIVE				
24	0011-24	53.6			Standard	NO SKIVE				
32	0011-32	68			Standard	NO SKIVE				

TFE0P10; TFE1P10
IMM Pilot

IMM Pilot

Dash	001C Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
03	001C-03	13.5			Standard	NO SKIVE				
04	001C-04	15			Standard	NO SKIVE				
05	001C-05	16.8	NEW FORGED FERRULE		Standard	NO SKIVE				
06	001C-06	19.4†	from 24/01/2013		Standard	NO SKIVE				
08	001C-08	21.8			Standard	NO SKIVE				

† for 001C-06 Ferrules supplied from 24/01/2013



Low Pressure

TF-TU25
MULTI - PURPOSE HOSE

TU25

Dash	001C Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
04	001C-04	17.1			Standard	NO SKIVE				
05	001C-05	19	NEW FORGED FERRULE		Standard	NO SKIVE				
06	001C-06	21.5†	from 24/01/2013		Standard	NO SKIVE	X0022-06	21.3		
08	001C-08	25			Standard	NO SKIVE				
10	001C-10	28			Standard	NO SKIVE				
12	001C-12	32.2	NEW FORGED FERRULE		Standard	NO SKIVE	X001C-12	31.8		
16	001C-16	38.6			Standard	NO SKIVE	X001C-16	40		

TF-AIR
AIR HOSE

AIR

Dash	0007 Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
04	0007-04	14.7			Standard	NO SKIVE				
06	0007-06	18.4			Standard	NO SKIVE				
08	0007-08	23.1			Standard	NO SKIVE				
10	0007-10	26.3			Standard	NO SKIVE				
12	0003-12	33			Standard	NO SKIVE				
16	0007-16	36			Standard	NO SKIVE				

† for 001C-06 Ferrules supplied from 24/01/2013



Thermoplastic

TF-0007; TF-0007T (TWIN)
EN 855 R7

R7

Dash	0007 Mild Steel				Hose Tail	Skive	X0007 Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
03	0007-03	12			Standard	NO SKIVE	X0007-03	11.7		
04	0007-04	13.8			Standard	NO SKIVE	X0007-04	13.8		
05	0007-05	16.3			Standard	NO SKIVE	X0007-05	16.1		
06	0007-06	18.3			Standard	NO SKIVE	X0007-06	18.3		
08	0007-08	22.3			Standard	NO SKIVE	X0007-08	22.8		
10	0007-10				Standard	NO SKIVE	X0007-10	25.6		
12	0007-12	29			Standard	NO SKIVE	X0007-12	29		
16	0007-16	36.5			Standard	NO SKIVE	X0007-16	38.5	New Ferrule	

TF-0008
EN 855 R8

R8

Dash	0007 Mild Steel				Hose Tail	Skive	X0007 Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
03	0007-03	11.4			Standard	NO SKIVE	X0007-03	11.7		
04	0007-04	13.3			Standard	NO SKIVE	X0007-04	13.9		
05	0007-05	15.6			Standard	NO SKIVE	X0007-05	16.1		
06	0007-06	17.4			Standard	NO SKIVE	X0007-06	17.5		
08	0007-08	21.5			Standard	NO SKIVE	X0007-08	21.9		
10	0007-10	25.5			Standard	NO SKIVE	X0007-10	25.3		
12	0007-12	27.8			Standard	NO SKIVE	X0007-12	28.5		
16	0011-16	37.6			Standard	NO SKIVE	X0007-16	40	New Ferrule	

TF-0006
SAE 100 R6 - EN854

R6

Dash	0007 Mild Steel				Hose Tail	Skive	X0007 Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
03	0007-03	13			Standard	NO SKIVE				
04	0007-04	14.7			Standard	NO SKIVE	X0007-04	14.7		
05	0007-05	17.1			Standard	NO SKIVE				
06	0007-06	18.4			Standard	NO SKIVE				
08	0007-08	23.1			Standard	NO SKIVE				
10	0007-10	26.3			Standard	NO SKIVE				
12	0007-12	30.2			Standard	NO SKIVE				
16	0007-16	36			Standard	NO SKIVE				



Thermoplastic

TF-MT1

Steel Braid Thermoplastic Hose

MT1

Dash	0007 Mild Steel				Hose Tail	Skive	X0007 Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
03	0007-03	12			Standard	NO SKIVE	X0007-03	11.8		
04	0007-04	14.1			Standard	NO SKIVE				
05	0007-05	16.4			Standard	NO SKIVE				
06	0007-06	18.8			Standard	NO SKIVE	X0007-06	18.7		
08	0007-08	22			Standard	NO SKIVE				
10	0007-10	25.9			Standard	NO SKIVE				
12	0007-12	28.4			Standard	NO SKIVE				
16	0007-16	36.6			Standard	NO SKIVE				
20	0007-20				Standard	NO SKIVE				
24	0007-24				Standard	NO SKIVE				
32	0007-32				Standard	NO SKIVE				

Dash	Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
03	0022-03				Standard	NO SKIVE				
04	0011PS	15			Standard	NO SKIVE				
05	0022-05	17.7			Standard	NO SKIVE				
06	0022-06	19.5			Standard	NO SKIVE				
08	0022-08				Standard	NO SKIVE				
10	0022-10				Standard	NO SKIVE				
12	0022-12				Standard	NO SKIVE				
16	0022-16	40			Standard	NO SKIVE				

TF-MT2

Double Steel Braid Thermoplastic Hose

MT2

Dash	Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
04	4210011112	17			Standard	NO SKIVE	X0022-04	17.3		
05	4210011214	18.5			Standard	NO SKIVE				
06	4210011331	21			Standard	NO SKIVE	X0022-06	20.4		
08	4210011418	25			Standard	NO SKIVE	X0022-08	24		
10					Standard	NO SKIVE				
12	0022-12	31			Standard	NO SKIVE	X0022-12	30.9		
16	0022-16	40			Standard	NO SKIVE				



PTFE - Teflon Hose

TF-PTFE - SMOOTH
SAE 100 R14

PTFE - SMOOTH BORE

Dash	PTFE				Mild Steel		XPTFE				Stainless Steel			
	Ferrule	Swaging	Ext.	Int.	Hose Tail	Skive	Ferrule	Swaging	Ext.	Int.	Ferrule	Swaging	Ext.	Int.
03	PTFE-03	10.3			Standard	NO SKIVE	XPTFE-03-D	10.3						
04	PTFE-04	12			Standard	NO SKIVE	XPTFE-04-D	12						
05	PTFE-05	14.5			Standard	NO SKIVE	XPTFE-05-D	14.5						
06	PTFE-06	16			Standard	NO SKIVE	XPTFE-06-D	16						
08	PTFE-08	18.9			Standard	NO SKIVE	XPTFE-08-D	18.9						
10	PTFE-10	22.8			Standard	NO SKIVE	XPTFE-10-D	22.8						
12	PTFE-12	26.2			Standard	NO SKIVE	XPTFE-12-D	26.2						
16	PTFE-16	33.2			Standard	NO SKIVE	XPTFE-16-D	33.2						
20					Standard	NO SKIVE								
24					Standard	NO SKIVE								
32					Standard	NO SKIVE								

TF-PTFE-C - CONVOLUTED
SAE 100 R14

PTFE - CONVOLUTED BORE

Dash	PTFE-C				Mild Steel		XPTFE-C				Stainless Steel			
	Ferrule	Swaging	Ext.	Int.	Hose Tail	Skive	Ferrule	Swaging	Ext.	Int.	Ferrule	Swaging	Ext.	Int.
03	PTFE-03-C				Standard	NO SKIVE	XPTFE-03-C-D							
04	PTFE-04-C	13.15			Standard	NO SKIVE	XPTFE-04-D	12						
05	PTFE-05-C				Standard	NO SKIVE	XPTFE-05-C-D							
06	PTFE-06-C	15.2			Standard	NO SKIVE	XPTFE-06-C-D	15.2						
08	PTFE-08-C	19.4			Standard	NO SKIVE	XPTFE-08-C-D	19.4						
10	PTFE-10-C	23.1			Standard	NO SKIVE	XPTFE-10-C-D	23.1						
12	PTFE-12-C	25.6			Standard	NO SKIVE	XPTFE-12-C-D	25.6						
16	PTFE-16-C	32.5			Standard	NO SKIVE	XPTFE-16-C-D	32.5						
20	PTFE-20-C	44.3			Standard	NO SKIVE	XPTFE-20-C	44.3						
24	PTFE-24-C	50			Standard	NO SKIVE	XPTFE-24-C	50						
32	PTFE-32-C	61.6			Standard	NO SKIVE	XPTFE-32-C	61.6						

TF-PTFE-D - DOUBLE BRAID
SAE 100 R14

PTFE 2 Braid

Dash	PTFE-D				Mild Steel		Stainless Steel			
	Ferrule	Swaging	Ext.	Int.	Hose Tail	Skive	Ferrule	Swaging	Ext.	Int.
06	PTFE-06-D	16.47			Standard	NO SKIVE				
					Standard	NO SKIVE				



Thermoplastic 700 BAR

TF-1AW

THERMOPLASTIC 700 BAR MTKM

Dash	Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
03					Standard	NO SKIVE				
04	1AW-04	18			Standard	NO SKIVE	X0022-04	17.6		
05					Standard	NO SKIVE				
06	1AW-06	23.6			Standard	NO SKIVE	X1AW-06	22.5		
08					Standard	NO SKIVE				
10					Standard	NO SKIVE				
12					Standard	NO SKIVE				
16					Standard	NO SKIVE				
20					Standard	NO SKIVE				
24					Standard	NO SKIVE				
32					Standard	NO SKIVE				



Dash	Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
03					Standard	NO SKIVE				
04	BP14R9R	17.7			Standard	NO SKIVE				
05					Standard	NO SKIVE				
06	BP38MTKM	23.4			Standard	NO SKIVE				
08	BP12MTKM	29.5			Standard	NO SKIVE				
10					Standard	NO SKIVE				
12					Standard	NO SKIVE				
16					Standard	NO SKIVE				
20					Standard	NO SKIVE				
24					Standard	NO SKIVE				
32					Standard	NO SKIVE				



TFD02TE
EN 854 2TE DIN 20021

2TE

Dash	Mild Steel				Hose Tail	Skive	Stainless Steel			
	Ferrule	Swaging	Ext.	Int.			Ferrule	Swaging	Ext.	Int.
03					Standard	NO SKIVE				
04					Standard	NO SKIVE				
05					Standard	NO SKIVE				
06	0007-06	18.5			Standard	NO SKIVE				
08	0007-08	22			Standard	NO SKIVE				
10					Standard	NO SKIVE				
12	0007-12	28.8			Standard	NO SKIVE				
16					Standard	NO SKIVE				
20					Standard	NO SKIVE				
24					Standard	NO SKIVE				
32					Standard	NO SKIVE				

Revision History

Page No.	Date	Description	Issue
5	29/05/2012	Removed ref to 0022-06-IM (now 0022-06)	2
5	29/05/2012	Changed swage dimension of 0022-16 from 39.6 to 40.8 as now forged ferrule	2
6	29/05/2012	Removed ref to 0022-06-IM (now 0022-06)	2
6	29/05/2012	Replaced 0022-06 20.8 with forged type at 20.1 removed ref to forged type under 001C section	2
6	29/05/2012	0022-16 No longer valid for 2SC	2
7	29/05/2012	Removed 0022-06-IM from 001C section, updated 0022-06 in 0022 section for forged ferrule	2
7	29/05/2012	Changed 0022-16 in 0022 section to 001C-16	2
9	29/05/2012	Changed 0022-16 from 39.9 to 40.7 On TF-1PS	2
12	29/05/2012	Created separate R8 section, Changed 0007-16 36,5 to 0011-16 37.6 for R8	2
13	29/05/2012	Changed 0022-16 from 39 to 40 On TF-MT2	2
2	31/05/2012	Changed 3SK range to 0002	2
10	11/07/2012	Changes 0021 to 0011 on R4 sizes 20, 24 and 32	3
14	31/07/2012	Changed XPTFE-04-C-D 13mm to XPTFE-04-D 12mm	3
13	08/10/2012	Added swage dim for TF-MT1-06 and X0007-06	4
3	26/10/2012	Added swage dim for TFS-0012G12 and X0022-12 Ferrule	4
11	12/11/2012	Added swage dim for TF-TU25-06 and X0022-06 Ferrule	4
11	13/12/2012	Changed 0007-12 30.2mm to 0003-12 33mm 0007-12 does not fit hose properly	4
15	05/12/2012	Added Page 15	4
16	24/01/2013	Added Page 16	4

Introduction of the new 001C-06 Ferrule

4	24/01/2013	001C-6	
6	24/01/2013	001C-06 2SC 2SNK changed from 19.6 to 20.4	4
7	24/01/2013	001C-06 1SN changed from 19.5 to 20.4	4
8	24/01/2013	001C-06 1SC 1SNK changed from 18.6 to 19.8	4
10	24/01/2013	001C-06 Pilot changed from 18.6 to 19.4	4

Introduction of the new 0022-10 Ferrule

5	29/01/2013	Revised swage dimension on 2SN from 27.5 to 28.5	5
6	29/01/2013	Removed 0022-10 from 2SC	5
7	29/01/2013	Removed 0022-10 from 1SN	5
13	29/01/2013	Removed 0022-10 from MT1	5

11	18/02/2013	Added X001C-16 to TF-TU25-16	5
13	08/03/2013	Changed TF-MT1-03 - 0007-03 from 13.5mm to 12mm	5
2	22/04/2013	Added X0022-08 for THE003K-08	5
12	06/06/2013	Added X0007-04 for TF-0006-06	5
11	26/06/2013	Added X001C-12 for TU25	5
1	30/07/2013	Changed 2" R13 Swage from 78.3 to 77.9	5

Introduction of the new 001C-05 Ferrule

4	13/08/2013	001C-05 R17 changed from 17.1 to 16.9	6
6	13/08/2013	001C-05 2SC 2SNK changed from 17.7 to 18	6
7	13/08/2013	001C-05 1SN changed from 18.2 to 17.8	6
8	13/08/2012	001C-05 1SC 1 SNK NO CHANGE	6
10	13/08/2012	001C-05 Pilot Hose changed from 16.7 to 16.8	6
11	13/08/2012	001C-05 TU25 NO CHANGE	6

Introduction of the new 001C-12 Ferrule

4	03/10/2013	001C-12 R17 changed from 29.9 to 30.7	6
6	03/10/2013	001C-12 2SC changed from 29.7 to 30.7	6
7	03/10/2013	001C-12 1SN changed from 29.8 to 31	6
8	03/10/2013	001C-12 1SC changed from 29 to 30.1	6
11	03/10/2013	001C-12 TU25 changed from 31.6 to 32.2	6

Error

7	23/10/2013	0001-16 Typing error stated dim as 29.9 and should be 39.9	7
---	------------	--	---

Introduction of new 0022-12, 001C-16 and revised dimension after testing for R8 product

4	01/04/2014	001C-16 R17 changed from 39.2 to 39.6	7
6	01/04/2014	001C-16 2SC changed from 38.3 to 38.6	7
7	01/04/2014	001C-16 1SN changed from 38.4 to 38.8	7
8	01/04/2014	001C-16 1SC changed from 37.3 to 37.4	7
11	01/04/2014	001C-16 TU25 changed from 38.6 39.5	7
10	01/04/2014	001C-16 TFS0004 new ferrule option 40.0	7

5	13/02/2014	0022-12 2SN changed from 31.8 to 32.3	7
9	13/02/2014	0022-12 TF-1PS changed from 32.2 to 33	7
9	28/04/2014	X0022-12 TF-1PS new dimension 33	7
13	13/02/2014	0022-12 TF-MT2 changed from 31.1 to 31	7
12	01/04/2014	X0007-16 TF-0007 changed from 36.8 to 38.5	7
12	01/04/2014	X0007-16 TF-0008 changed from 36.8 to 38.5	7
12	01/04/2014	0007-03 TF-0008 changed from 12 to 11.4	7
12	01/04/2014	0007-04 TF-0008 changed from 13.8 to 13.3	7
12	01/04/2014	0007-05 TF-0008 changed from 16.3 to 15.6	7
12	01/04/2014	0007-06 TF-0008 changed from 18.3 to 17.4	7
12	01/04/2014	0007-08 TF-0008 changed from 22.3 to 21.5	7
12	01/04/2014	0007-10 TF-0008 no dimension now 25.5	7
12	01/04/2014	0007-12 TF-0008 changed from 29 to 27.8	7
15	01/04/2014	0019-04 TF-1AW changed to 1AW-04 18.0	7
15	05/11/2013	X1AW-06 TF-1AW new ferrule 22.5	7
15	06/06/2014	X0022-04 TF-1AW new dimension 17.6	8
1	22/09/2014	New 0009-12 ferrule now used on 4SH 33.8	8
2	22/09/2014	New 0009-12 4SP changed from 34.3 to 33.8	8
3	22/09/2014	New 0009-12 R12 new dimension 33.2	8
9	21/08/2014	X0022-08 TF-1PS-08 New dimension 25.3	8
10	23/07/2014	X001C-04 TF-0003-04 New dimension 17.8	8
Introduction of new 001C-10 ferrule and addition of stainless steel dimensions			
6	24/08/2015	New 001C-10 2SC changed dimension from 27.1 to 26.8	9
7	24/08/2015	New 001C-10 1SN changed dimension from 26.3 to 26.0	9
8	24/08/2015	New 001C-10 1SC changed dimension from 27.1 to 26.8	9
1	04/09/2015	X0013-32 R15 Added Swage 77.9 EXT Skive 77.9 INT Skive 30	9
2	04/09/2015	X0022-32 4SP Added Swage 70.5 EXT Skive 57	9
2	04/09/2015	X0022-06 3SK Added Swage 21.5 EXT Skive 21.5	9
2	04/09/2015	X0022-12 3SK Added Swage 33.3 EXT Skive 31	9
2	04/09/2015	X0022-16 3SK Added Swage 40.8 EXT Skive 35	9