



EB-Series Corded Fixtured Tools

High Speed, Redundant Transducer and Flexible Cable connections.

FEATURES AND BENEFITS:

- Controllers Enable Multiple Spindle Operation Including Synchronization.
- Redundant Transducer Optional
- 360° Viewable High / OK / Low Lights Alert
- Operator to Fastening Status
- Fixtured Tool Cable Connector can be Rotated in 90° Increments.



OUTPUT OPTIONS

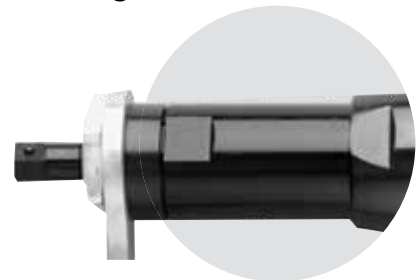
Angle



Retractable Angle



Straight



Retractable Straight



REACTION MOUNTING COMPONENTS



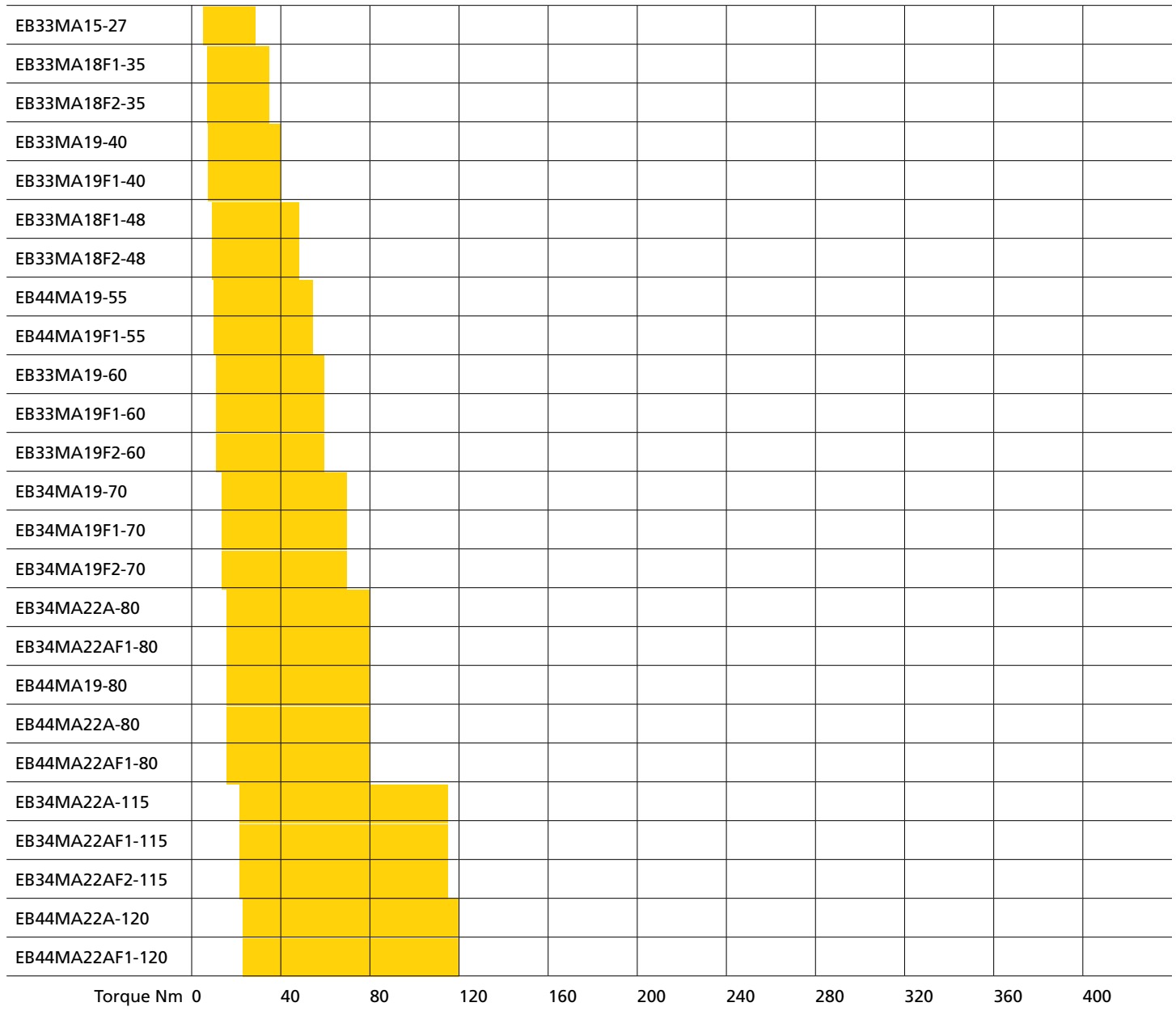
Retractable Offset



EB-Series Torque Range: Fixtured Style

Angle Fixtured Mount Style

MODELS:



Please Note: This chart is a guide for the use of our tools. Programming of these tools can have a direct effect on the capability and performance.

Angle Fixtured Mount Style, *continued*

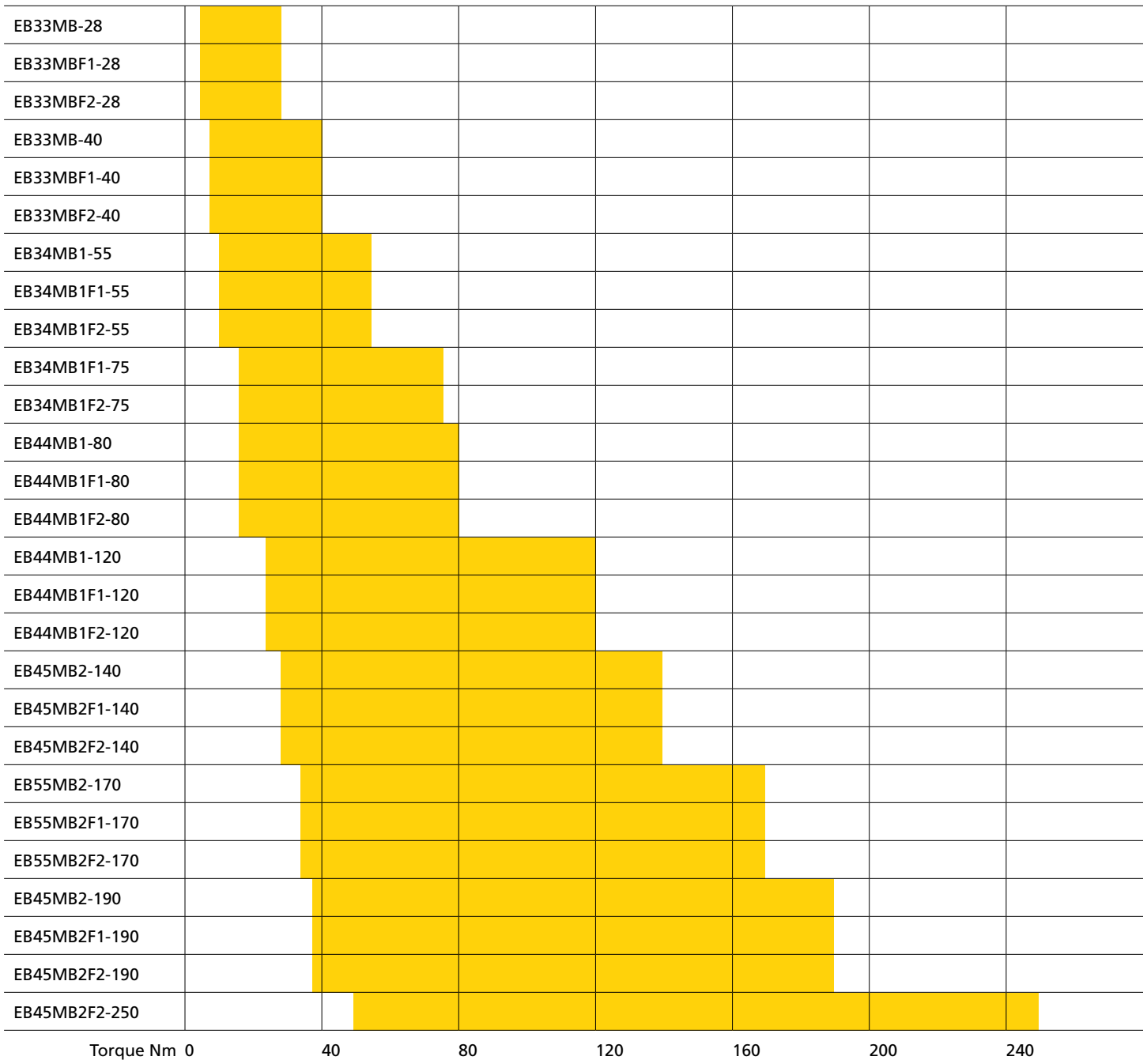
MODELS:

EB55MA26-120												
EB55MA26F1-120												
EB55MA26-160R												
EB55MA26F1-160												
EB45MA26-165												
EB45MA26F1-165												
EB45MA26-220												
EB45MA26F1-220												
EB55MA26-220												
EB55MA26F1-220												
EB55MA26F2-220												
EB55MA32-300												
EB55MA32F1-300												
EB55MA32F2-300												
EB55MA32-400												
EB55MA32F1-400												
EB55MA32F2-400												
Torque Nm 0 40 80 120 160 200 240 280 320 360 400												

Please Note: This chart is a guide for the use of our tools. Programming of these tools can have a direct effect on the capability and performance.

Inline Fixtured Mount Style

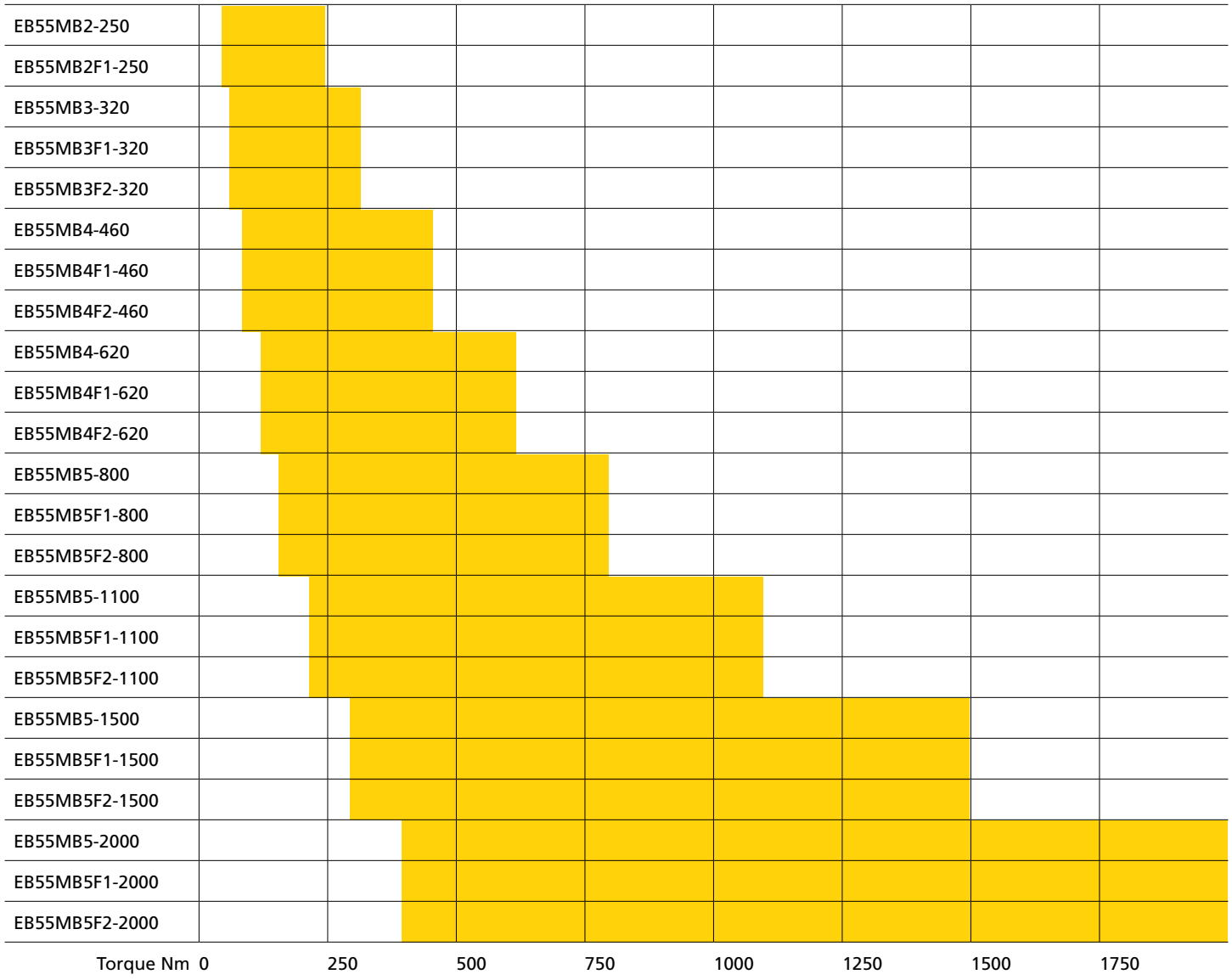
MODELS:



Please Note: This chart is a guide for the use of our tools. Programming of these tools can have a direct effect on the capability and performance.

Inline Fixtured Mount Style, *continued*

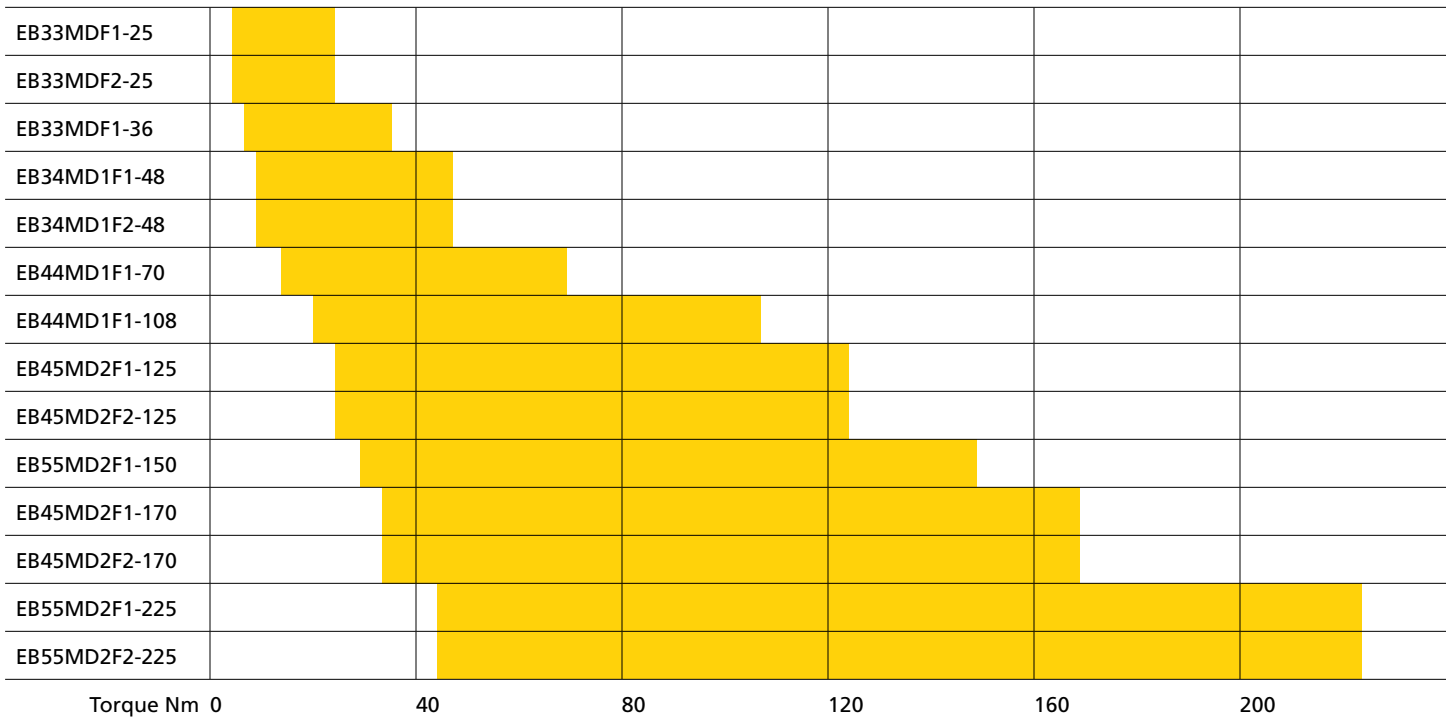
MODELS:



Please Note: This chart is a guide for the use of our tools. Programming of these tools can have a direct effect on the capability and performance.

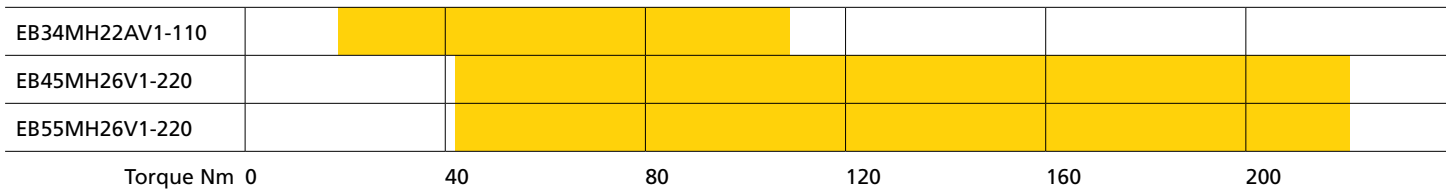
Offset Fixtured Mount Style

MODELS:



Hold and Drive Fixtured Mount Style

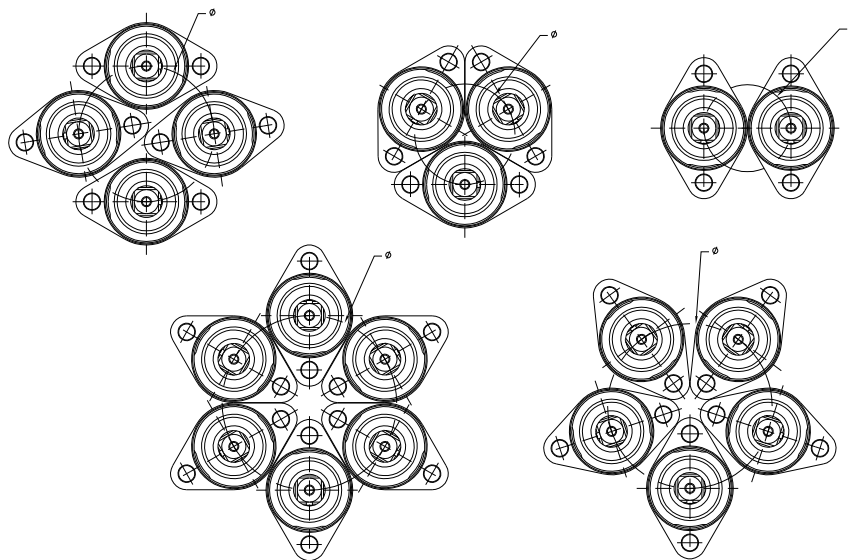
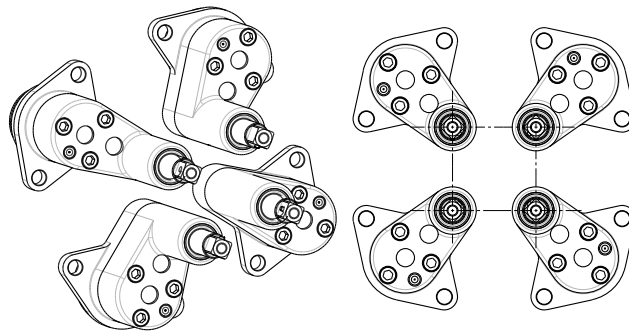
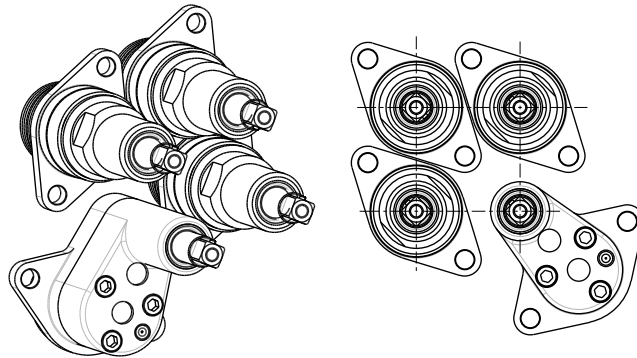
MODELS:



Please Note: These charts are a guide for the use of our tools. Programming of these tools can have a direct effect on the capability and performance.

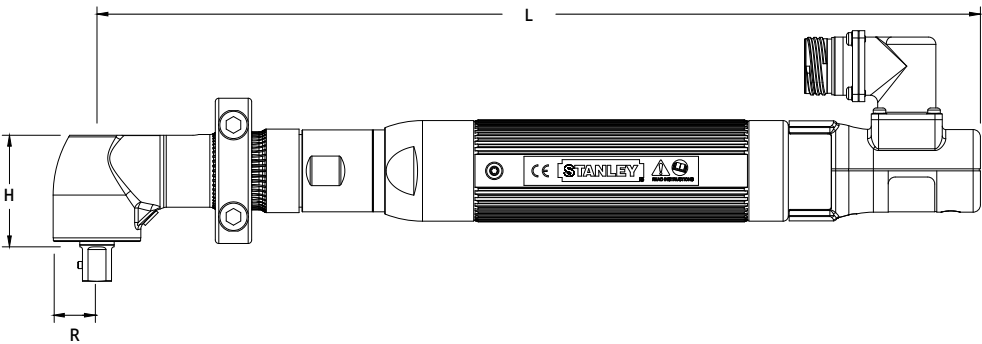
Fixtured Tools Pattern Mounting

Examples of how to create unique square or circular bolt patterns for Inline and Offset Retractable tools:



Angle Fixtured Tools

8 to 60 Nm



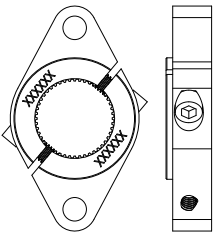
	Rated Speed	Max Torque		“R” Side to Center		“H” Head Height		“L” Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Standard
EB33MA15-27	1515	27	19.9	15	0.59	36.6	1.44	382.9	15.1	1.7	3.75	3/8” SD
EB33MA19-40	1025	40	29.5	19	0.75	48.7	1.92	385.8	15.2	1.9	4.11	1/2” SD
EB33MA18F0-48	881	48	35.4	17.5	0.69	39.3	1.55	382.8	15.1	2.41	5.31	3/8” SD
EB33MA19-60	680	60	44.2	19	0.75	48.7	1.92	385.8	15.2	2.31	5.10	1/2” SD

Angle Fixtured Options EB33

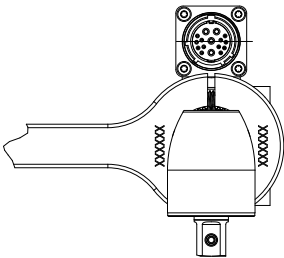
A19 Threaded Output	Part No.
Flush Socket	20D100021
Suspension Bails	Part No.
Wire Bail	A3061
Swivel	20K200000
Standard	B3432
Reaction Device	Part No.
Reaction Bar, Steel [Default]	20K100000
Base Mount Bracket	20K100500
Mounting Flange-B	20K100300

**Due to the welded flange, the above options are not applicable to EB33MA18F0-48.*

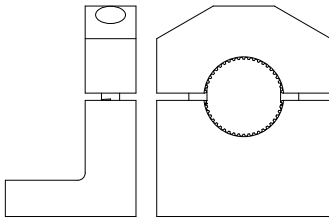
Mounting / Reaction Options



Optional Flange Mount Bracket



Standard Reaction Bar



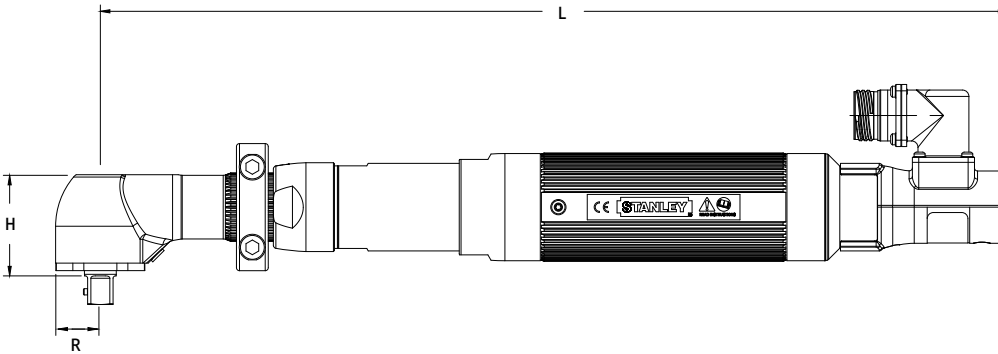
Optional Base Mount Bracket



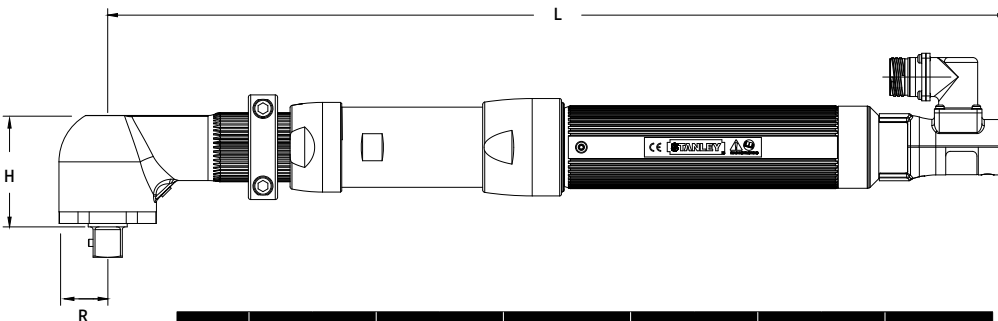
Sockets and Accessories
begin on page 112

Angle Fixtured Tools

24 to 400 Nm



	Rated Speed	Max Torque		"R" Side to Center		"H" Head Height		"L" Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Standard
EB44MA19-55	1190	55	40.6	19	0.75	48.7	1.92	445	7.5	3.2	6.97	1/2" SD
EB34MA19-70	610	70	51.6	19	0.75	48.7	1.92	433	17.0	3.2	6.97	
EB34MA22A-80	510	80	59.0	22	0.87	50.0	2.00	441	17.4	3.1	6.82	
EB44MA19-80	845	80	59.0	19	0.75	48.7	1.92	445	17.5	3.2	6.97	
EB44MA22A-80	810	80	59.0	22	0.87	50.0	2.00	453	17.8	3.1	6.82	
EB34MA22A-115	340	115	84.8	22	0.87	50.0	2.00	463	18.2	3.5	7.75	
EB44MA22A-120	550	120	88.5	22	0.87	50.0	2.00	453	17.8	3.53	7.8	



	Rated Speed	Max Torque		"R" Side to Center		"H" Head Height		"L" Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Standard
EB55MA26-120	825	120	88.5	26	1.02	60	2.4	557	21.9	6.2	13.6	3/4" SD
EB55MA26-160	620	160	118	26	1.02	60	2.4	557	21.9	6.2	13.6	
EB45MA26-165	400	165	122	26	1.02	60	2.4	503	19.8	4.6	10.0	
EB45MA26-220	260	220	162	26	1.02	60	2.4	527	20.7	4.6	10.0	
EB55MA26-220	460	220	162	26	1.02	60	2.4	556	21.9	6.7	14.7	
EB55MA32-300	340	300	221	32	1.3	73	2.9	563	22.1	7.3	16.1	
EB55MA32-400	225	400	295	32	1.3	73	2.9	563	22.1	7.3	16.1	

Angle Fixtured Options

EB34, EB44

A19 Splined Output	Part No.
Anti-Vibration 1/2" SD	20D100101
Flush Socket	20D100106
1/2" Double-Ended, RH Thread*	20D100107
A22A Output	Part No.
Flush Socket	20D100309
1/2" Double-Ended, RH Thread*	20D100326
Reaction Device	Part No.
Reaction Bar, Steel [Default]	20K100000
Base Mount Bracket	20K100500
Mounting Flange	20K100302
1/2" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded [Ball Detent]	20D227801

*RH-Thread is Right-Hand Thread. This is an option used if the end user uses the additional output for clockwise tightening or loosening.

Angle Fixtured Options

EB45, EB55

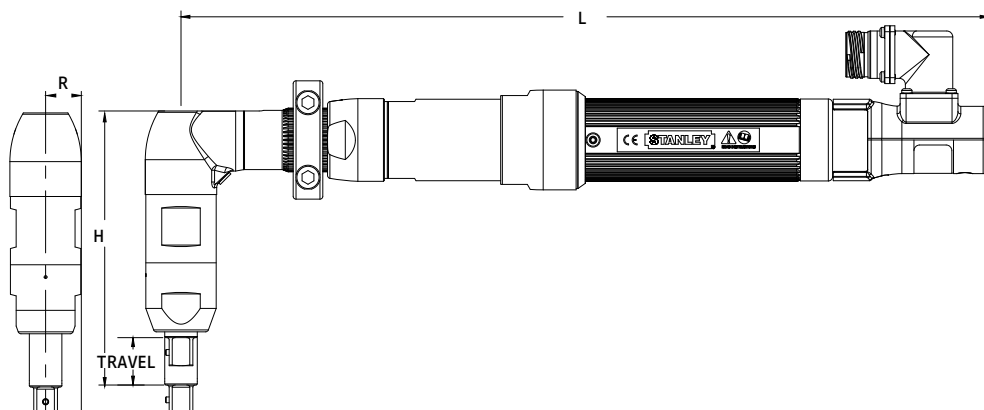
A26 Output	Part No.
Flush Socket	20D100409
5/8" Square Drive	20D100400
Reaction Device	Part No.
Reaction Bar, Steel [Default]	20K100200
Reaction Bar, Steel, Heavy Duty	20K100202
Base Mount Bracket	20K100600
Mounting Flange-B	20K100700
3/4" SD Socket Lock Pin	Part No.
Standard	20D125200
Rounded [Ball Detent]	20R202300



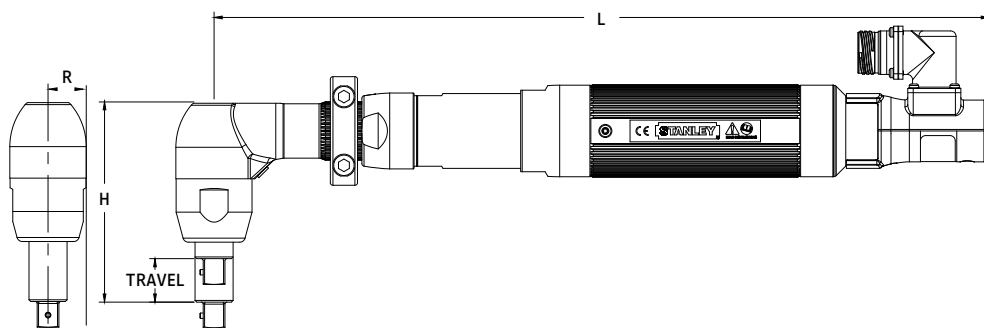
Sockets and Accessories
begin on page 112

Angle Retractable Fixtured Tools

8 to 120 Nm



	Rated Speed	Max Torque		"R" Side to Center		"H" Head Height		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Retraction	Standard
EB33MA18F1-35	1165	35	25.8	18	0.71	84	3.3	462.74	18.22	3.25	7.2	25 mm 1"	3/8" SD
EB33MA19F1-40	1025	40	29.5	19	0.75	146.5	5.8	385	15.1	2.80	6.15		1/2" SD
EB33MA18F1-48	880	48	35.4	18	0.71	84	3.3	462.74	18.22	3.25	7.2		3/8" SD
EB44MA19F1-55	1190	55	40.6	19	0.75	146.5	5.8	445	17.5	3.18	7.02		1/2" SD
EB33MA19F1-60	680	60	44.2	19	0.75	146.5	5.8	385	15.1	2.80	6.15		1/2" SD
EB34MA19F1-70	610	70	51.6	19	0.75	146.5	5.8	433	17.0	2.74	6.05		1/2" SD



	Rated Speed	Max Torque		"R" Side to Center		"H" Head Height		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Retraction	Standard
EB34MA22AF1-80	510	80	59.0	22	0.87	114	4.5	441	17.4	3.1	6.75	25 mm 1"	1/2" SD
EB44MA22AF1-80	810	80	59.0	22	0.87	114	4.5	453	17.8	3.5	7.72		
EB34MA22AF1-115	340	115	84.8	22	0.87	114	4.5	463	18.2	3.1	6.75		
EB44MA22AF1-120	550	120	88.5	22	0.87	114	4.5	453	17.8	3.5	7.72		

Angle Retractable Fixtured Options

EB33

Spring Options	Part No.
Standard	A5313
8 lb Compression	20R201407
Output Options	Part No.
2" Extended Output	20D115901
Reaction Device	Part No.
Reaction Bar, Steel (Default)	20K100000
Base Mount Bracket	20K100500
Mounting Flange-B	20K100300
Suspension Bails	Part No.
Wire Bail	A3061
Swivel	20K200000
Standard	B3432
1/2" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded (Ball Detent)	20D227801
<i>*Due to the welded flange, the above options are not applicable to EB33MA18F1-XX tools.</i>	

Angle Retractable Fixtured Options

EB34, EB44

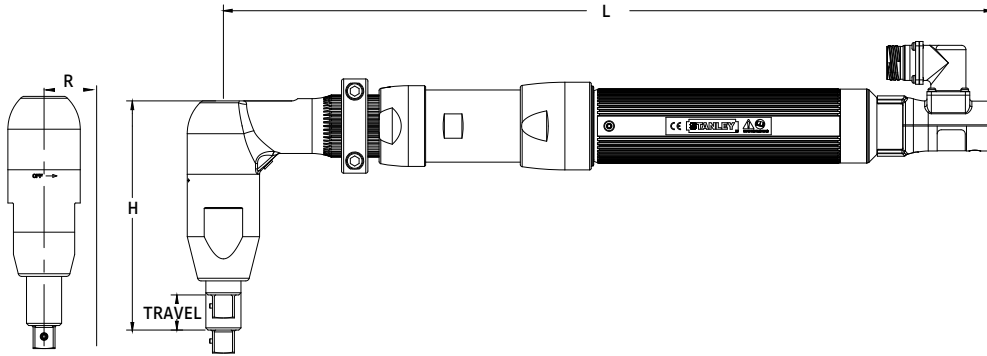
Spring Options	Part No.
Standard	M4283
5.8 lb Compression	H4003
8.6 lb Compression	M4800
Output Options	Part No.
2" Extended Output	M4306
2-5/8" Extended Output	20D117700
8" Extended Output	M4466
Reaction Device	Part No.
Reaction Bar, Steel (Default)	20K100100
Base Mount Bracket	20K100500
Mounting Flange	20K100302
1/2" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded (Ball Detent)	20D227801



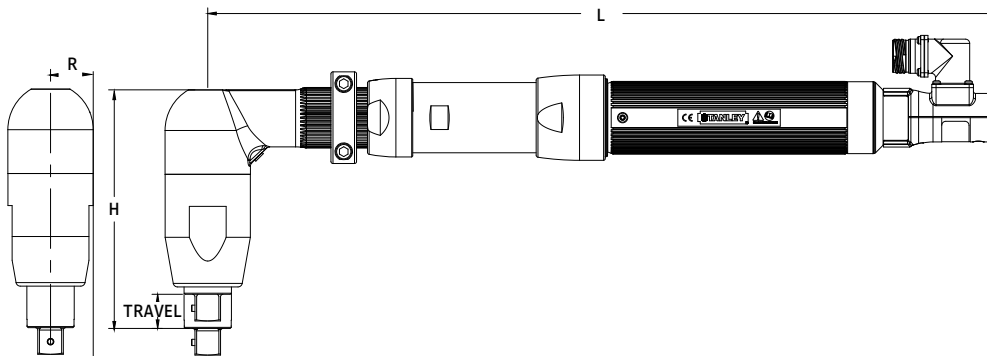
Sockets and Accessories
begin on page 112

Angle Retractable Fixtured Tools

24 to 400 Nm

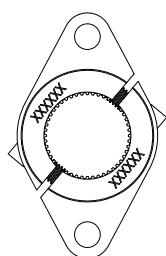


	Rated Speed	Max Torque		“R” Side to Center		“H” Head Height		“L” Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Retraction	Standard
EB55MA26F1-120	825	120	88.5	26	1.02	166	6.5	557	21.9	5.2	11.4	25 mm 1"	3/4" SD
EB55MA26F1-160	620	160	118	26	1.02	166	6.5	557	21.9	5.2	11.4		
EB45MA26F1-165	400	165	122	26	1.02	166	6.5	503	19.8	4.6	10.0		
EB45MA26F1-220	260	220	162	26	1.02	166	6.5	527	20.7	4.6	10.0		
EB55MA26F1-220	460	220	162	26	1.02	166	6.5	557	21.9	7.5	16.6		

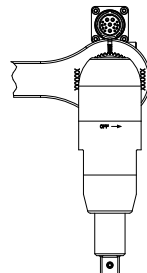


	Rated Speed	Max Torque		"R" Side to Center		"H" Head Height		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Retraction	Standard
EB55MA32F1-300	340	300	221	32	1.26	178	7.0	563	22.1	7.3	16.1	25 mm 1"	3/4" SD
EB55MA32F1-400	225	400	295	32	1.26	178	7.0	563	22.1	7.3	16.1		

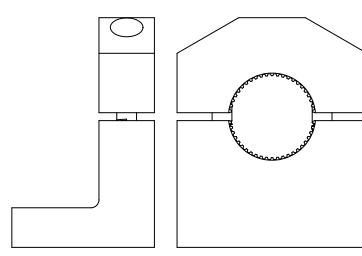
Mounting / Reaction Options



Optional Flange Mount Bracket



Standard Reaction Bar



Optional Base Mount Bracket

Angle Retractable Fixtured Options

EB45, EB55

Spring Options	Part No.
Standard	20R201414
11 lb Compression	20R201417
Reaction Device	Part No.
Reaction Bar, Steel [Default]	20K100200
Reaction Bar, Steel	20K100202
Base Mount Bracket	20K100600
Mounting Flange-B	20K100700
3/4" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded [Ball Detent]	20D227802

Angle Retractable Fixtured Options

EB55

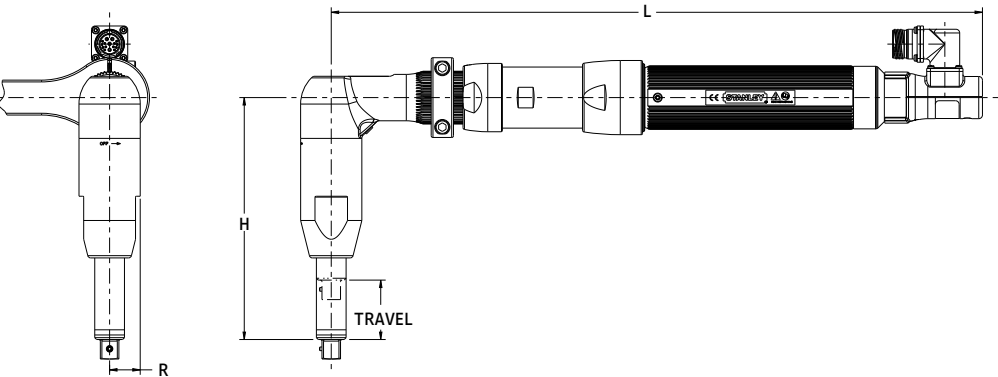
Spring Options	Part No.
Standard	M4606
7.6 lb Compression	M4331
Output Options	Part No.
2.5" Extended Output	20D114800
4" Extended Output	M4740
Reaction Device	Part No.
Reaction Bar, Steel [Default]	20K100200
Reaction Bar, Steel	20K100202
Base Mount Bracket	20K100600
Mounting Flange-B	20K100700
3/4" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded [Ball Detent]	20D227802



Sockets and Accessories
begin on page 112

Angle Retractable Fixtured Tools

12 to 400 Nm



	Rated Speed	Max Torque		"R" Side to Center		"H" Head Height		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Retraction	Standard
EB33MA18F2-35	1165	35	25.8	18	0.71	176.28	6.94	462.74	18.22	3.25	7.2	50.8 mm 2"	3/8" SD
EB33MA18F2-48	880	48	35.4	18	0.71	176.28	6.94	462.74	18.22	3.25	7.2		1/2" SD
EB33MA19F2-60	680	60	44.2	19	0.75	193	7.6	386	15.2	3.1	6.83		3/8" SD
EB34MA19F2-70	610	70	51.6	19	0.75	177.67	6.99	433.16	17.05	3.5	7.7		5/8" SD
EB34MA22AF2-115	335	115	84.8	22	0.87	186.2	7.33	463	18.2	3.5	7.7		3/4" SD
EB55MA26F2-220	460	220	162	26	1.02	225	8.9	557	21.9	5.7	12.5		
EB55MA32F2-300	340	300	221	32	1.26	269	10.6	563	22.2	7.8	17.2		
EB55MA32F2-400	225	400	295	32	1.26	269	10.6	586	23	7.8	17.2		

Angle Retractable Fixtured Options

EB45, EB55

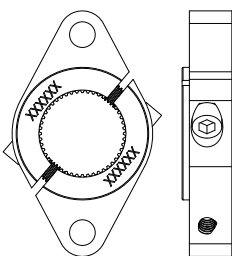
Spring Options	Part No.
Standard	20R201414
11 lb Compression	20R201417
Reaction Device	Part No.
Reaction Bar, Steel [Default]	20K100200
Reaction Bar, Steel	20K100202
Base Mount Bracket	20K100600
Mounting Flange-B	20K100700
3/4" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded [Ball Detent]	20D227802

Angle Retractable Fixtured Options

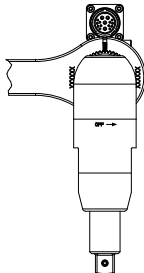
EB55

Spring Options	Part No.
Standard	M4606
7.6 lb Compression	M4331
Output Options	Part No.
2.5" Extended Output	20D114800
4" Extended Output	M4740
Reaction Device	Part No.
Reaction Bar, Steel [Default]	20K100200
Reaction Bar, Steel	20K100202
Base Mount Bracket	20K100600
Mounting Flange-B	20K100700
3/4" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded [Ball Detent]	20D227802

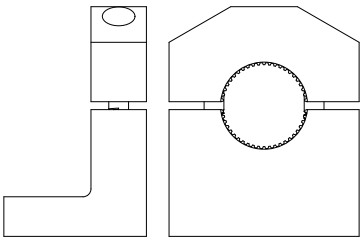
Mounting / Reaction Options



Optional Flange Mount Bracket



Standard Reaction Bar



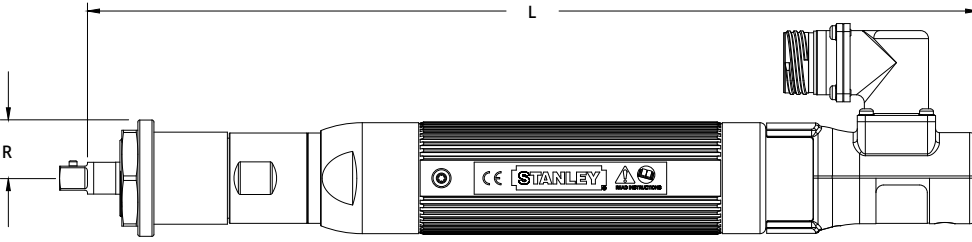
Optional Base Mount Bracket



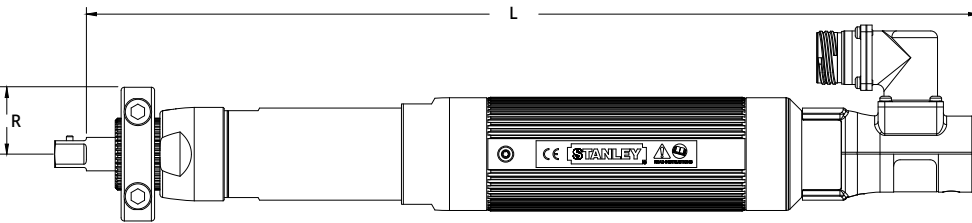
Sockets and Accessories
begin on page 112

Inline Fixtured Tools

5.6 to 120 Nm



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Standard
EB33MB-28	1590	28	20.6	24	0.93	359	14.1	1.89	4.15	3/8" SD
EB33MB-40	1120	40	29.5	24	0.93	385	15.1	1.89	4.15	



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Standard
EB34MB1-55	830	55	40.5	32	1.03	421	16.6	2.2	4.84	1/2" SD
EB44MB1-80	895	80	59	32	1.03	421	16.6	2.7	5.94	
EB44MB1-120	557	120	88.5	32	1.03	421	16.6	2.7	5.94	

Inline Fixtured Options

EB33

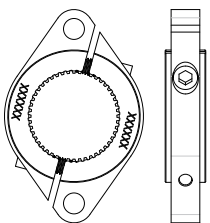
Reaction Device	Part No.
Reaction Bar, Aluminum (Default)	F3698
Reaction Bar, Steel	20K100100
Base Mount Bracket	A8606
Mounting Flange-B	20K101000
Suspension Bails	Part No.
Wire Bail	A3061
Swivel	20K101400
Standard	B3432
3/8" SD Socket Lock Pin (EB33)	Part No.
Standard	20D227800
Rounded (Ball Detent)	20D227801

Inline Fixtured Options

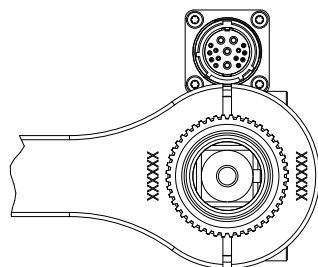
EB34, EB44

Reaction Device	Part No.
Reaction Bar, Steel (Default)	20K100100
Base Mount Bracket	20K100500
Mounting Flange-B	20K100300
1/2" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded (Ball Detent)	20D227801

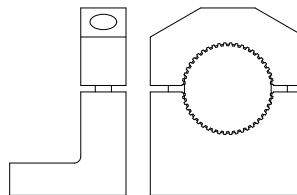
Mounting / Reaction Options



Optional Flange Mount Bracket



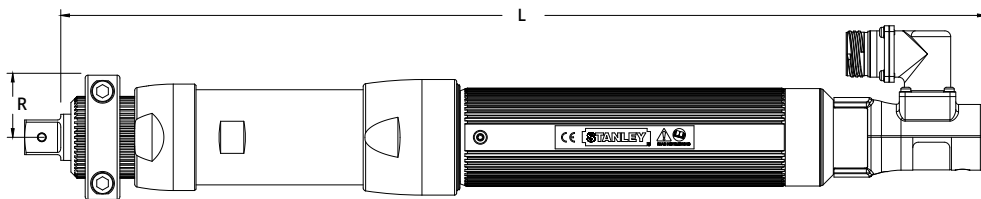
Standard Reaction Bar



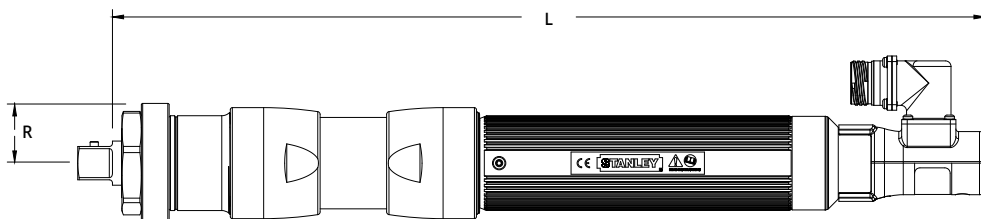
Optional Base Mount Bracket

Inline Fixtured Tools

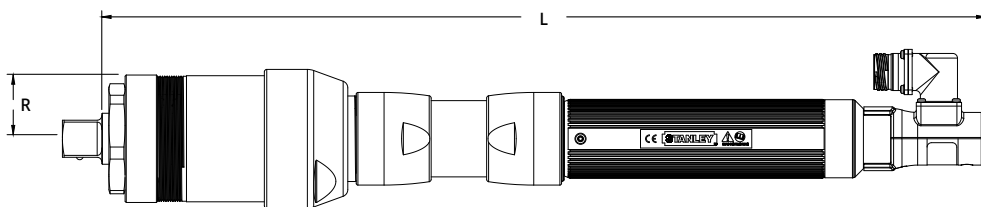
28 to 2000 Nm



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Standard
EB45MB2-140	465	140	103	34	1.34	475	18.7	3.6	7.92	3/4" SD
EB55MB2-170	640	170	125	34	1.34	475	18.7	4.3	9.46	3/4" SD
EB45MB2-190	355	190	140	34	1.34	475	18.7	4.3	9.46	3/4" SD
EB55MB2-250	400	250	184	34	1.34	475	18.7	5.3	11.7	3/4" SD



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Standard
EB55MB3-320	310	320	236	35	1.38	517	20.4	5.5	12.1	3/4" SD



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Standard
EB55MB4-460	220	460	339	44	1.7	564	22.2	7.5	16.8	1" SD
EB55MB4-620	165	620	457	44	1.7	564	22.2	7.5	16.8	1" SD
EB55MB5-800	125	800	590	48	1.9	575	22.6	9	19.8	1" SD
EB55MB5-1100	80	1100	811	48	1.9	598	23.6	10.1	22.3	1" SD
EB55MB5-1500	60	1500	1106	48	1.9	625	24.6	10.1	22.3	1" SD
EB55MB5-2000	50	2000	1475	48	1.9	625	24.6	10.1	22.3	1" SD

Inline Fixtured Options

EB45, EB55 (MB2 Models)

Reaction Device	Part No.
Reaction Bar, Steel [Default]	20K100200
Base Mount Bracket	20K100600
Mounting Flange-B	20K100700
3/4" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded [Ball Detent]	20D227802

Inline Fixtured Options

EB55MB3 Model

Reaction Device	Part No.
Reaction Bar, Steel [Default]	B4487
Base Mount Bracket	H1140
Mounting Flange-B	M4329
3/4" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded [Ball Detent]	20D227802

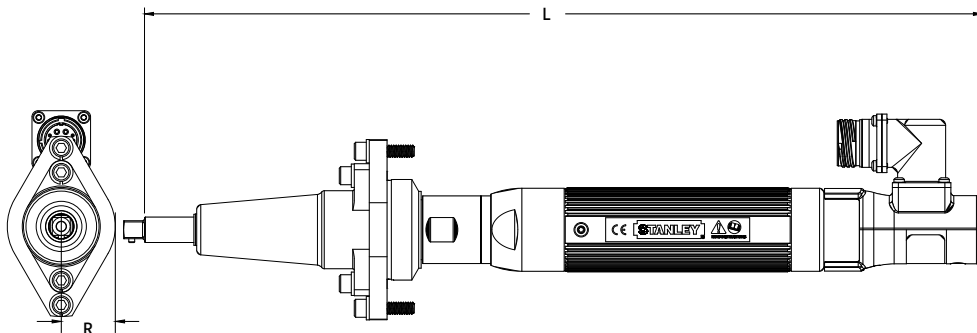
Inline Fixtured Options

EB55MB4 & 5 Models

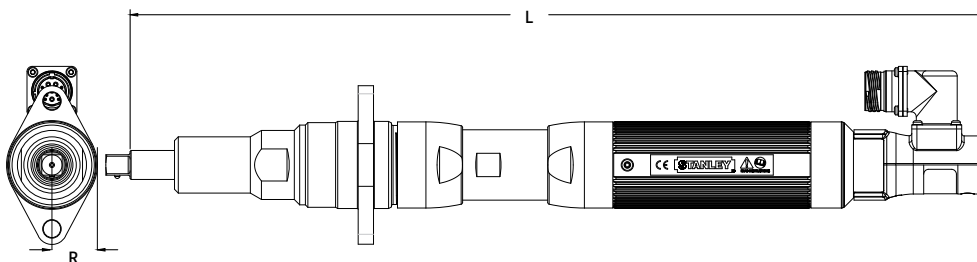
Reaction Device	Part No.
Reaction Bar, Steel [Default]	F4192
Base Mount Bracket	F4201
Mounting Flange-B	20K101100
1" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded [Ball Detent]	20D227802

Inline Retractable Fixtured Tools

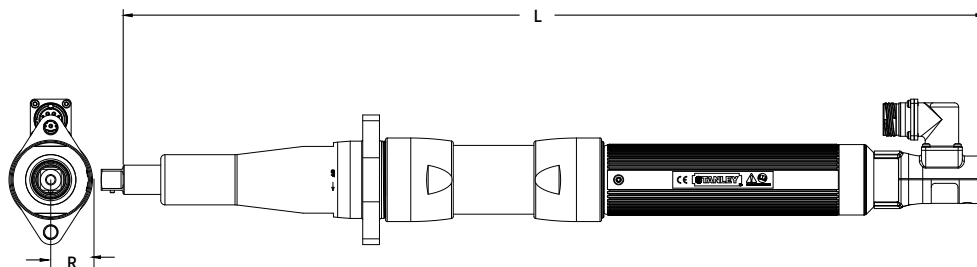
5.6 to 250 Nm



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB33MBF1-28	1590	28	20.6	28	1.13	443	17.4	2.56	5.63	25 mm 1"	9.5 mm 3/8" SD
EB33MBF1-40	1120	40	29.5	28	1.13	443	17.4	2.56	5.63		



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB34MB1F1-55	830	55	40.5	28	1.11	499	19.6	3.3	7.24	25 mm 1"	13 mm 1/2" SD
EB34MB1F1-75	545	75	55.3	28	1.11	520.7	20.5	3.25	7.2		
EB44MB1F1-80	895	80	59.0	28	1.11	511	20.1	3.8	8.34		
EB44MB1F1-120	560	120	88.5	28	1.11	533	21.0	3.8	8.34		



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB45MB2F1-140	465	140	103	32	1.25	600	23.6	3.6	7.92	25 mm 1"	16 mm 5/8" SD
EB55MB2F1-170	640	170	125	32	1.25	631	24.8	6.5	14.4		
EB45MB2F1-190	355	190	140	32	1.25	600	23.6	3.6	7.92		
EB55MB2F1-250	400	250	184	32	1.25	654	25.7	6.8	15.0		

Inline Retractable Fixtured Options

3/8" Output

Output Options	Part No.
Standard	M3050
24 Threaded	M3118
24 Threaded, 3/4" Long	M3227
1-5/32" Extension	S3362
1.478" Extension	M3243
2" Extension	M3090
2-3/8" Extension	S3363
3" Extension	M3229
4" Extension	M3223
4-1/16" Extension	S3486
6" Extension	M3224
7-3/8" Extension	S3626
8" Extension	M3216
8" Extension Assembly	20S104600
Spring Options	Part No.
Standard	M4096
Heavy Duty Spring	M3184
Extra Heavy Duty Spring	20R201428

Inline Retractable Fixtured Options

1/2" Output

Output Options	Part No.
Standard	20D101600
2" Extension	20D101610
3" Extension	20D101603
4" Extension	20D101608
5" Extension	20D101604
6" Extension	20D101606
7-5/16" Extension	20D101605
8" Extension	20D101609
11" Extension	20D101607
Spring Options	Part No.
Standard	B4093
Heavy Duty Spring	20R201401

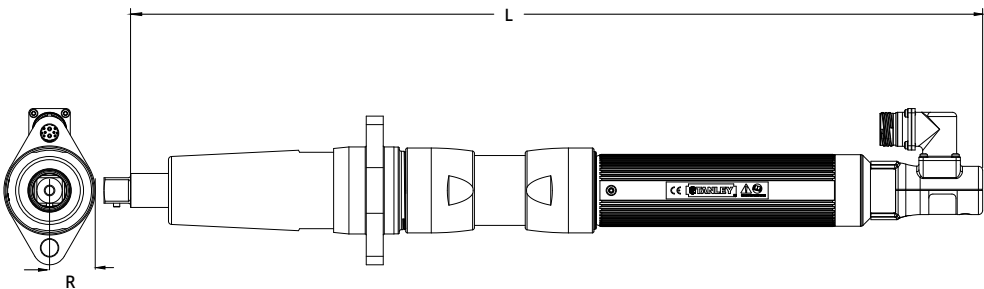
Inline Retractable Fixtured Options

5/8" Output

Output Options	Part No.
Standard	20D102901
2" Extension	20D102912
6" Extension	20D102913
Spring Options	Part No.
Standard	20R201407
Heavy Duty Spring	20R201408

Inline Retractable Fixtured Tools

64 to 2000 Nm

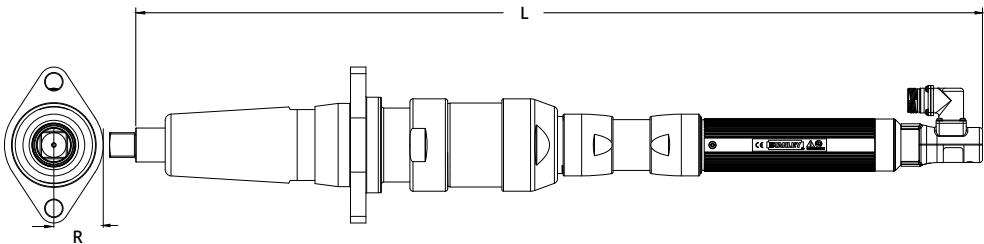


	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB55MB3F1-320	310	320	236	34	1.34	636	25	6.7	14.74	25mm 1"	19mm 3/4" SD

Inline Retractable Fixtured Options

3/4" Output

Output Options	Part No.
Standard	20D102101
5" Extension	20D102106
Spring Options	Part No.
Standard	20R201403
Heavy Duty Spring	20R201404
Reaction Components	Part No.
Mounting Flange -MB3F	20D205600



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB55MB4F1-460	220	460	339	44	1.7	803	31.6	17.2	37.84	25mm 1"	25mm 1" SD
EB55MB4F1-620	165	620	457	44	1.7	803	31.6	17.2	37.84		
EB55MB5F1-800	125	800	590	50	2	840	33.0	18.3	40.26		
EB55MB5F1-1100	80	1100	811	50	2	863	34.0	18.3	40.26		
EB55MB5F1-1500	60	1500	1106	50	2	870	34.3	19.2	42.24		
EB55MB5F1-2000	50	2000	1475	50	2	870	34.3	19.2	42.24		

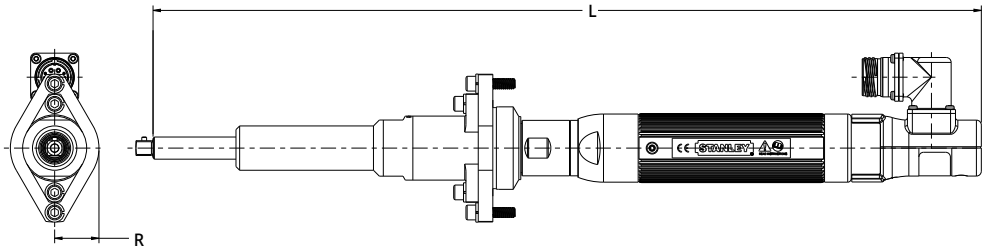
Inline Retractable Fixtured Options

1" Output

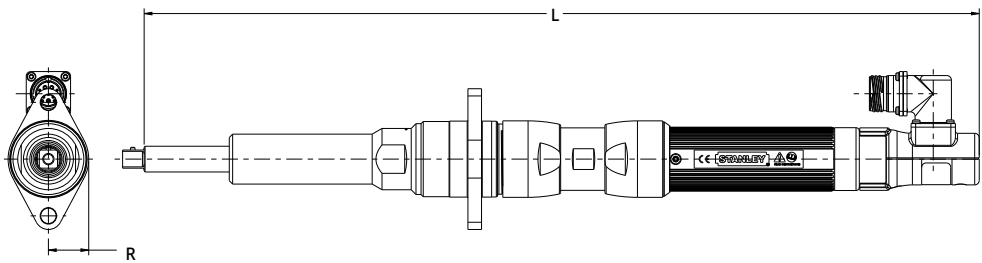
Output Options	Part No.
Standard	20D208800
2" Extension	20D208803
4" Extension	20D208802
3/4" SD (MB4F1 ONLY)	20D121100
Reaction Components	Part No.
Mounting Flange -MB4F	20D208500
Mounting Flange -MB5F	20D209500
Spring Options	Part No.
Standard	20R201411
Heavy Duty Spring	20R201442

Inline Retractable Fixtured Tools

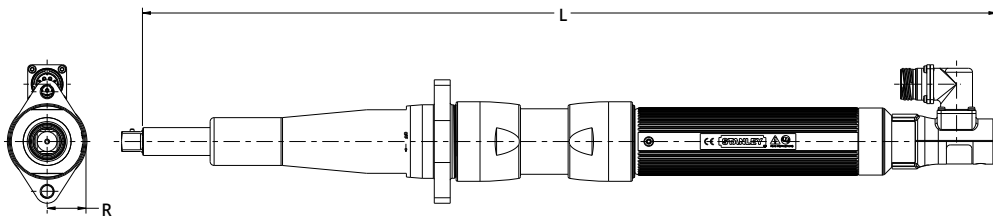
5.6 to 190 Nm



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB33MBF2-28	1590	28	20.6	28	1.13	443	17.4	2.56	5.63	51mm 2"	9.5mm 3/8" SD
EB33MBF2-40	1120	40	29.5	28	1.13	443	17.4	2.56	5.63		



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB34MB1F2-55	830	55	40.5	28	1.11	499	19.6	3.3	7.24	51mm 2"	13mm 1/2" SD
EB34MB1F2-75	545	75	55.3	28	1.11	605.8	23.85	3.3	7.24		
EB44MB1F2-80	895	80	59.0	28	1.11	511	20.1	3.8	8.34		
EB44MB1F2-120	560	120	88.5	28	1.11	533	21.0	3.8	8.34		



	Rated Speed	Max Torque		"R" Side to Center		"L" Length		Weight		Output	
Model	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB45MB2F2-140	465	140	103	32	1.25	651	25.6	3.6	7.92	51mm 2"	16mm 5/8" SD
EB55MB2F2-170	640	170	125	32	1.25	681	26.8	6.5	14.4		
EB45MB2F2-190	355	190	140	32	1.25	651	25.6	3.6	7.92		

Inline Retractable Fixtured Options

3/8" Output

Output Options	Part No.
Standard	M3050
24 Threaded	M3118
24 Threaded, 3/4" Long	M3227
1-5/32" Extension	S3362
1.478" Extension	M3243
2" Extension	M3090
2-3/8" Extension	S3363
3" Extension	M3229
4" Extension	M3223
4-1/16" Extension	S3486
6" Extension	M3224
7-3/8" Extension	S3626
8" Extension	M3216
8" Extension Assembly	20S104600
Spring Options	Part No.
Standard	M4096
Heavy Duty Spring	M3184
Extra Heavy Duty Spring	20R201428

Inline Retractable Fixtured Options

1/2" Output

Output Options	Part No.
Standard	20D101600
2" Extension	20D101610
3" Extension	20D101603
4" Extension	20D101608
5" Extension	20D101604
6" Extension	20D101606
7-5/16" Extension	20D101605
8" Extension	20D101609
11" Extension	20D101607
Spring Options	Part No.
Standard	B4093
Heavy Duty Spring	20R201401

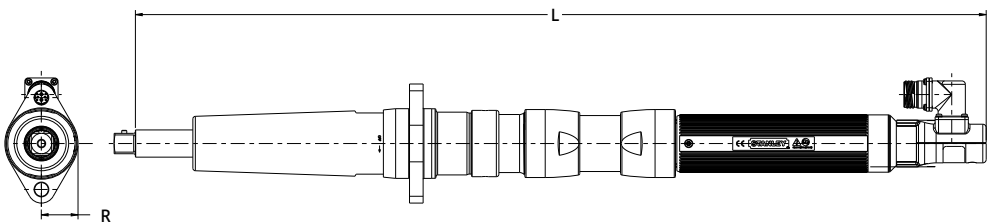
Inline Retractable Fixtured Options

5/8" Output

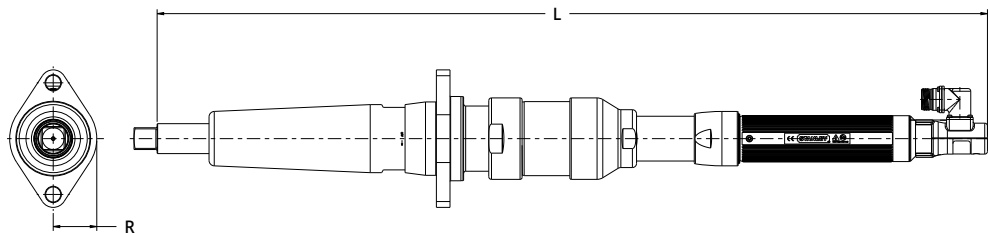
Output Options	Part No.
Standard	20D102901
2" Extension	20D102912
6" Extension	20D102913
Spring Options	Part No.
Standard	20R201407
Heavy Duty Spring	20R201408

Inline Retractable Fixtured Tools

64 to 2000 Nm



Model	Rated Speed		Max Torque		"R" Side to Center		"L" Length		Weight		Output	
	RPM	Nm	lb ft		mm	in	mm	in	kg	lb	Retraction	Standard
EB55MB3F2-320	310	320	236		34	1.34	636	25	6.7	14.74	51mm 2"	19mm 3/4" SD



Model	Rated Speed		Max Torque		"R" Side to Center		"L" Length		Weight		Output	
	RPM	Nm	lb ft		mm	in	mm	in	kg	lb	Retraction	Standard
EB55MB4F2-460	220	460	339		44	1.7	803	31.6	17.2	37.84	51mm 2"	25mm 1" SD
EB55MB4F2-620	165	620	457		44	1.7	803	31.6	17.2	37.84		
EB55MB5F2-800	125	800	590		50	2	840	33.0	18.3	40.26		
EB55MB5F2-1100	80	1100	811		50	2	863	34.0	18.3	40.26		
EB55MB5F2-1500	60	1500	1106		50	2	870	34.3	19.2	42.24		
EB55MB5F2-2000	50	2000	1475		50	2	870	34.3	19.2	42.24		

Inline Retractable Fixtured Options

3/8" Output

Output Options	Part No.
Standard	20D102101
5" Extension	20D102106
Spring Options	Part No.
Standard	20R201403
Heavy Duty Spring	20R201404
Reaction Components	Part No.
Mounting Flange -MB3F	20D205600

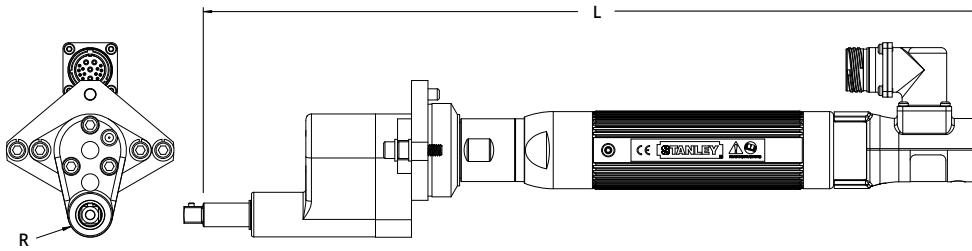
Inline Retractable Fixtured Options

1" Output

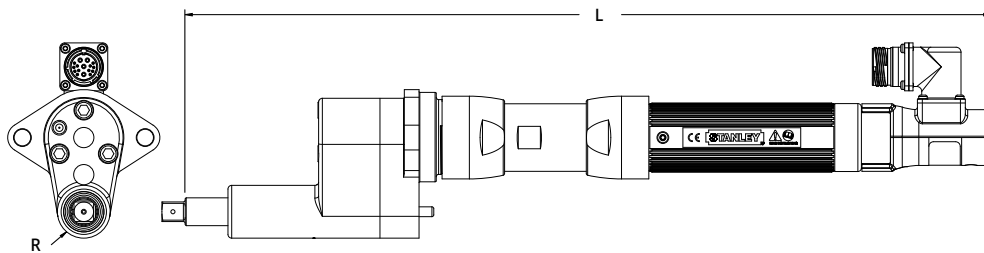
Output Options	Part No.
Standard	20D208800
2" Extension	20D208803
4" Extension	20D208802
3/4" SD (MB4F1 ONLY)	20D121100
Reaction Components	Part No.
Mounting Flange -MB4F	20D208500
Mounting Flange -MB5F	20D209500

Offset Retractable Fixtured Tools (3/4", 1")

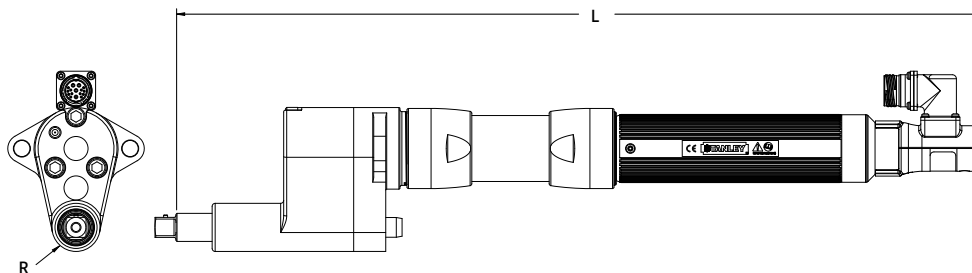
5 to 225 Nm



Model	Rated Speed		Torque		"R" Side to Center		"L" Length		Weight		Output	
	RPM	Nm	lb ft		mm	in	mm	in	kg	lb	Retraction	Standard
EB33MDF1-25	1590	25	18.4		13	0.51	443	17.5	3.1	6.78	19mm [3/4"]	3/8" SD
EB33MDF1-36	1120	36	26.6		13	0.51	443	17.5	3.1	6.82		



Model	Rated Speed		Torque		"R" Side to Center		"L" Length		Weight		Output	
	RPM	Nm	lb ft		mm	in	mm	in	kg	lb	Retraction	Standard
EB34MD1F1-48	830	48	35.4		17	0.67	499	19.7	4.4	9.68	25mm [1"]	1/2" SD
EB44MD1F1-70	895	70	51.6		17	0.67	511	20.2	4.8	10.56		
EB44MD1F1-108	560	108	79.7		17	0.67	533	21	4.8	10.56		



Model	Rated Speed		Torque		"R" Side to Center		"L" Length		Weight		Output	
	RPM	Nm	lb ft		mm	in	mm	in	kg	lb	Retraction	Standard
EB45MD2F1-125	465	125	92.2		19	0.75	584	23	10.5	23.2	25mm [1"]	5/8" SD
EB55MD2F1-150	640	150	110.7		19	0.75	614	24.2	10.5	23.2		
EB45MD2F1-170	355	170	125.4		19	0.75	584	23	10.5	23.2		
EB55MD2F1-225	400	225	166		19	0.75	637	25.1	10.5	23.2		

Retractable Options

EB33

Spring Options	Part No.
Standard	M3062
Heavy Duty	M3183
Output Options	Part No.
3/4" Extended Output	M3227
1-5/32" Extended Output	S3362
1.478" Extended Output	M3243
2" Extended Output	M3090
2-3/8" Extended Output	S3363
3" Extended Output	M3239
4" Extended Output	M3223
4-1/16" Extended Output	S3486
6" Extended Output	M3224
7-3/8" Extended Output	S3626
8" Extended Output	M3216
8" Extended Output, Thin	20S104600
24 Threaded Output	M3118
1/2" Square Drive Lock Pin	Part No.
Standard	20D227800
Rounded [Ball Detent]	20D227801

Retractable Options

EB34, EB44

Spring Options	Part No.
Standard	B4093
Heavy Duty	20R201401
Output Options	Part No.
2" Extended Output	20D101610
3" Extended Output	20D101603
4" Extended Output	20D101608
5" Extended Output	20D101604
6" Extended Output	20D101606
7-5/16" Extended Output	20D101605
8" Extended Output	20D101609
11" Extended Output	20D101607
1/2" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded [Ball Detent]	20D227801

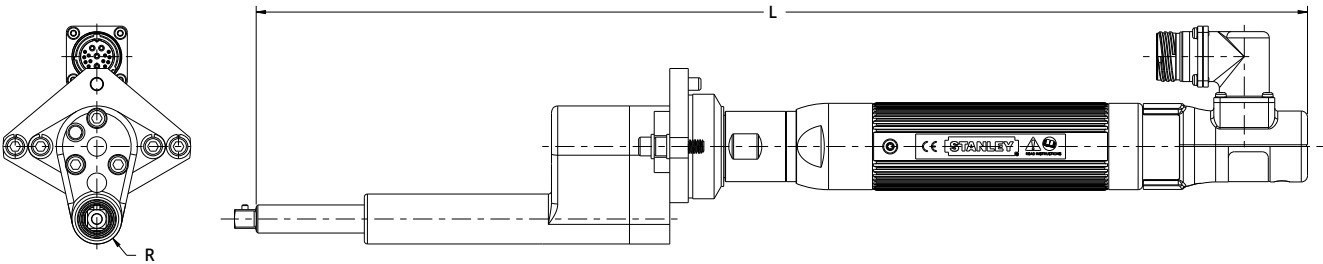
Retractable Options

EB45, EB55

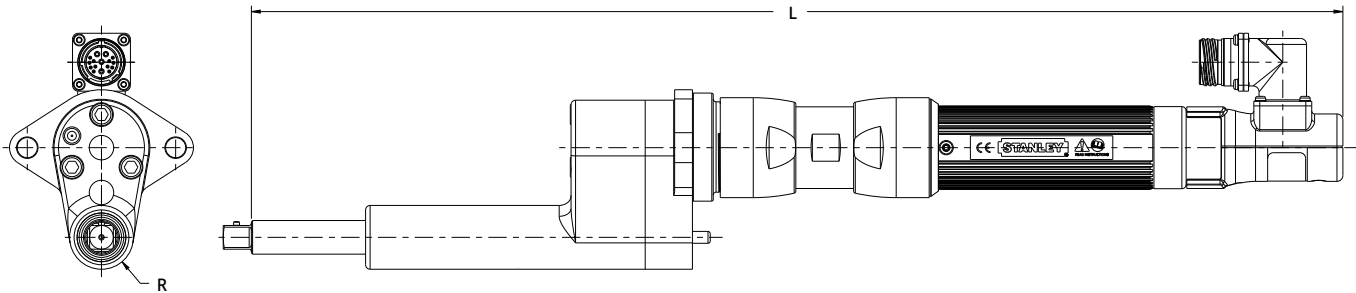
Retraction Spring	Part No.
Standard	20R201407
Heavy Duty	20R201408
Output Options	Part No.
2" Extended Output	20D102912
6" Extended Output	20D102913
3/4" SD Socket Lock Pin	Part No.
Standard	20D227800
Rounded [Ball Detent]	20D227802

Offset Retractable Fixtured Tools (2")

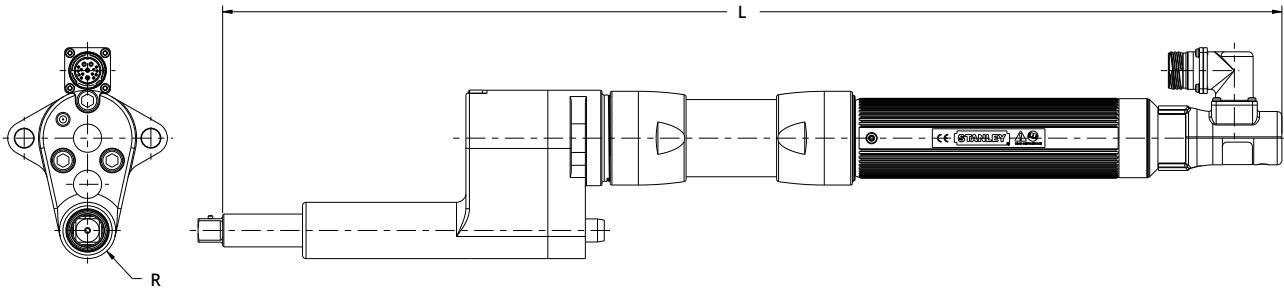
5 to 225 Nm



Model	Rated Speed	Torque		"R" Side to Center		"L" Length		Weight		Output	
	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB33MDF2-25	1590	25	18.4	13	0.51	535	21.1	3.2	7.1	51mm (2")	3/8" SD



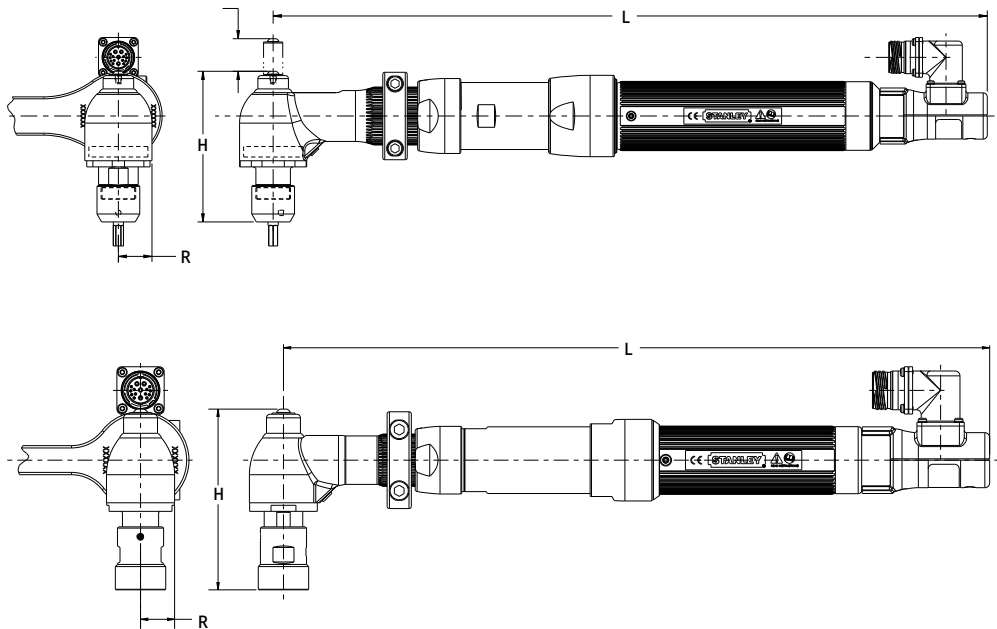
Model	Rated Speed	Torque		"R" Side to Center		"L" Length		Weight		Output	
	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB34MD1F2-48	830	48	35.4	17	0.67	599	23.6	4.8	10.56	51mm (2")	1/2" SD



Model	Rated Speed	Torque		"R" Side to Center		"L" Length		Weight		Output	
	RPM	Nm	lb ft	mm	in	mm	in	kg	lb	Retraction	Standard
EB45MD2F2-125	465	125	92.2	19	0.75	663	26.1	10.9	24.0	51mm (2")	5/8" SD
EB45MD2F2-170	355	170	125.4	19	0.75	663	26.1	10.9	24.0		
EB55MD2F2-225	400	225	166	19	0.75	717	28.2	10.9	24.0		

Hold and Drive Fixtured Tools – 1" Output

22 to 220 Nm



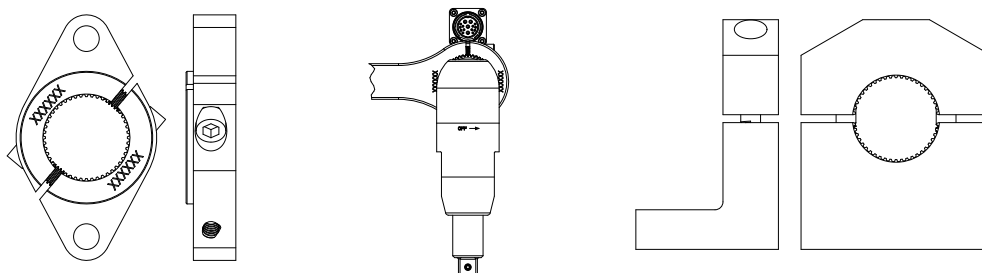
Model	Rated Speed	Torque		"R" Side to Center		"H" Head Height		"L" Length		Weight		Travel
	RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	Standard
EB34MH22AV1-110	335	110	81.1	22	0.87	118.4	4.7	543	21.4	3.7	8.2	1"
EB45MH26V1-220	260	220	162.3	26	1.02	117.5	4.6	527	20.8	6.0	13.2	
EB55MH26V1-220	460	220	162.3	26	1.02	117.5	4.6	557	21.9	6.7	14.8	

See pages 126-137 for the Hold and Drive Configuration Guide

1" H&D Lever Tool Options

H22 Output	Part No.
Socket Options	~N4617
1" Travel Tang Holder Output	20D103211
1" Travel Bit Holder Output	20D103212
H22 Tang Holder	Part No.
Female Tang Holder Options	~F4287
H22 Bit Holder	Part No.
Bit Holder Options	~F4288
H22 Reaction Bar	Part No.
Reaction Bar Assembly (Default)	20K100000
Mounting Flange Assembly	20K100300
Base Mount Bracket Assembly	20K100500
H26 Output	Part No.
Socket Options	~F4285
1" Travel Tang Holder Output	20D103601
1" Travel Bit Holder Output	20D103602
H26 Tang Holder	Part No.
Female Tang Holder Options	~H4948
H26 Bit Holder	Part No.
Bit Holder Options	~H4947
H26 Reaction Bar	Part No.
Reaction Bar Assembly	20K100200
Mounting Flange Assembly	20K100700
Base Mount Bracket Assembly	20K100600
Reaction Bar Assembly, HD	20K100202
Handle Options	Part No.
EB3/4/5 Forward Facing Lever	20H100107

Mounting / Reaction Options



Optional Flange Mount Bracket

Standard Reaction Bar

Optional Base Mount Bracket



Sockets and Accessories
begin on page 112

Tool Cable Options: EB-Series*

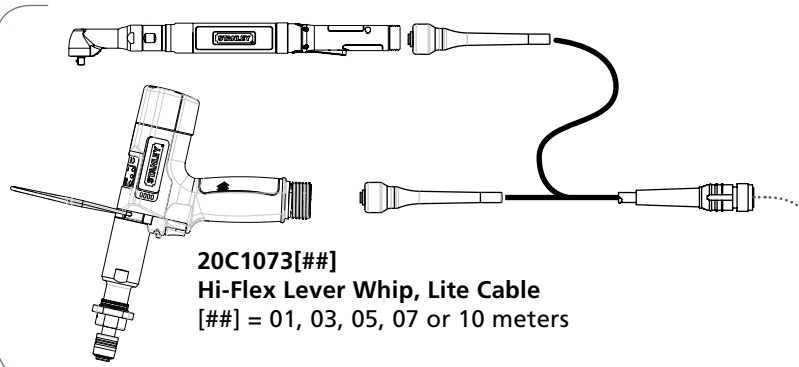
STEP 1

Select a tool whip for the tool model

STEP 2

Select an extension for the selected whip number

Fits EB12-EB33
non-fixtured tools

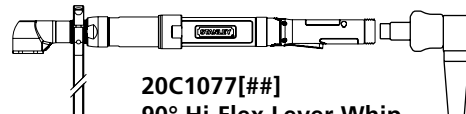


20C1073[##]
Hi-Flex Lever Whip, Lite Cable
[##] = 01, 03, 05, 07 or 10 meters

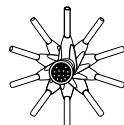
Fits EB12-EB55
non-fixtured tools



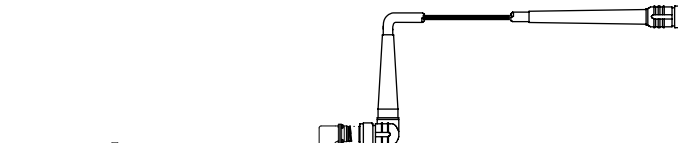
20C1076[##]
Hi-Flex Lever Whip, Heavy Duty Cable
[##] = 01, 03, 05, 07 or 10 meters



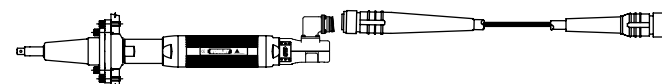
20C1077[##]
90° Hi-Flex Lever Whip
[##] = 01, 03, 05, 07 or 10 meters



90° Hi-Flex Lever Whip Adjusts to 10 Positions @ 36°



20C1094[##] **Hi-Flex 90° Whip**
[##] = 01, 03, 05, 07 or 10 meters



20C1093[##] **Hi-Flex Whip**
[##] = 01, 03, 05, 07 or 10 meters



20C1078[##]
90° Jamnut Extension
[##] = 01, 05, 10, 20 or 40 meters

20C1075[##]
Jamnut Extension
[##] = 05, 10, 20 or 40 meters

NOTES:

Jamnut cables have connectors that can be fixed to bulkheads.

All Hi-Flex cables have an 8cm (3in) minimum bend radius.

*Fits all EB-Series Lever Tools (and older EA and EC-Series Tools)

Cable End	Cable	Lite / Heavy Duty	Base Part #	Cable Length					EB12-EB33	EB34-EB55
Straight	Hi-Flex Whip	Lite	20C1073##	01	03	05	07	10	EB12-EB33 All non-Fixtured tools	X
Straight	Hi-Flex Whip	Heavy Duty	20C1076##	01	03	05	07	10	EB12-EB33 All non-Fixtured tools	EB34-EB55 All non-Fixtured tools
90 Degree	Hi-Flex Whip	Heavy Duty	20C1077##	01	03	05	07	10	EB12-EB33 All non-Fixtured tools	EB34-EB55 All non-Fixtured tools
90 Degree	Hi-Flex Whip	Heavy Duty	20C1094##	01	03	05	07	10	EB33-EB55 All Fixtured Style tools	
Straight	Hi-Flex Whip	Heavy Duty	20C1093##	01	03	05	07	10	EB33-EB55 All Fixtured Style tools	

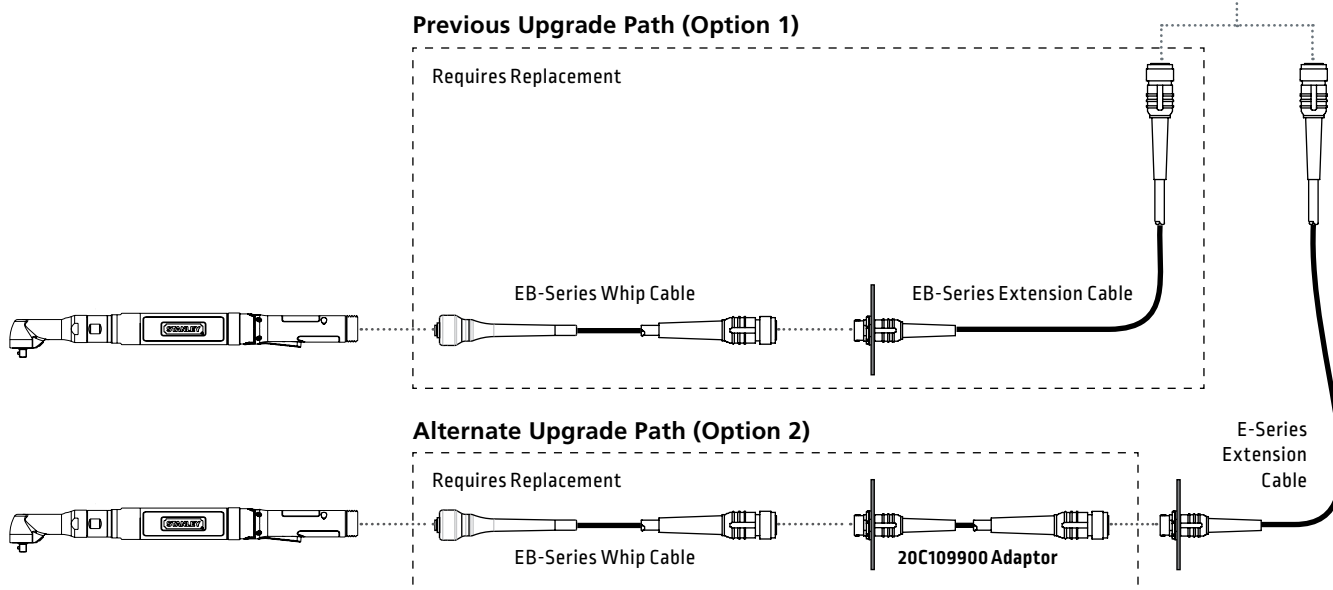
Option 1:

Example: Purchase Replacement Cables 20C107305 & 20C107520 to Transition to EB-Series Tools *(This option requires all cables between the tool and the cable to be replaced)*

— OR —

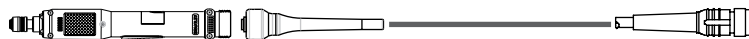
Option 2: 40% Less Expensive

Example: Purchase Replacement Cable 20C107305 and Adaptor 20C109900, use the existing festooned E-Series Extension Cable 20C1002##. *(This option requires ONLY the cable attached to the extension cable to be replaced)*



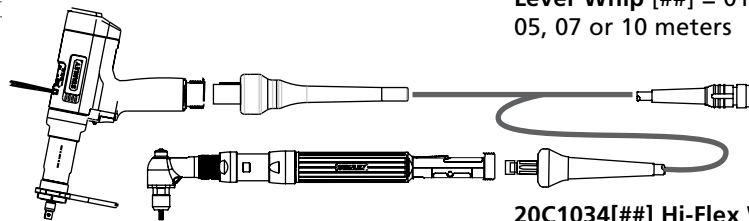
Tool Cable Options: E-Series

Fits E12
non fixtured
lever tools



**20C1046[##] Hi-Flex E1
Lever Whip [##] = 01, 03,
05, 07 or 10 meters**

Fits E02 &
E12 Bottom
Exit Pistol Tools



**20C1034[##] Hi-Flex Whip,
E02/34 Pistol or E23/34
Lever, [##] = 01, 03, 05, 07
or 10 meters**

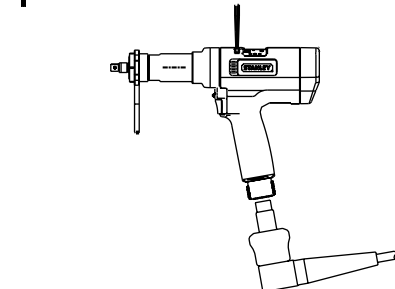
Fits E23-E35
non fixtured
tools



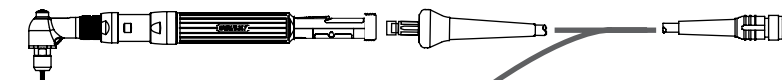
**20C1001[##] 90° Hi-Flex
E2 Lever Whip
[##] = 01, 03, 05, 07
or 10 meters**

**E12 does not apply*

Fits E02 &
E12 Bottom
Exit Pistol tools

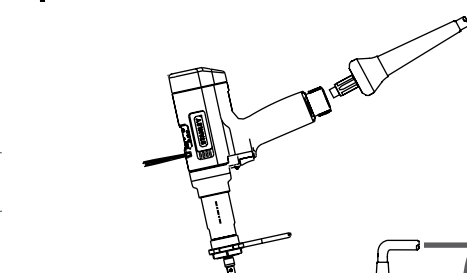


Fits E23-E55
non fixtured
tools



**20C1000[##] Hi-Flex E2/5
Lever Whip
[##] = 01, 03, 05, 07
or 10 meters**

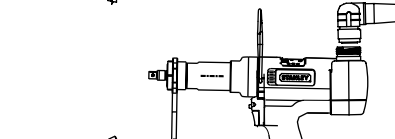
**E12 applications require a
20H103100 adaptor*



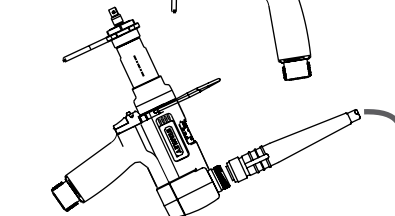
**20C1004[##] Hi-Flex 90°
Whip [##] = 01, 03, 05,
07 or 10 meters**

*Tool adjusts to 10 positions
@ 36°*

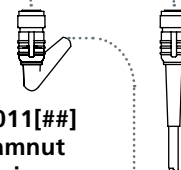
Fits E02 & E12
Top Exit
Pistol tools



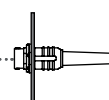
Fits E23-E55
fixtured tools



**20C1003[##] Hi-Flex Whip
[##] = 01, 03, 05, 07
or 10 meters**



**20C1011[##]
90° Jamnut
Extension
[##] = 05, 10 or
20 meters**



**20C1002[##]
Jamnut Extension
[##] = 05, 10
or 20 meters**

NOTES:

*Jamnut cables have
connectors that
can be fixed to
bulkheads.*

*All Hi-Flex cables
have an 8cm (3in)
minimum bend
radius.*

*Please limit the total
length of E tool
cabling between a
controller and an E
tool to 30 meters.*

Cable End	Cable	Lite / Heavy Duty	Base Part #	Cable Length					E02	E12	E23-E35	E43-E55
Straight	Hi-Flex Whip	Lite	20C1046##	01	03	05	07	10	X	E12 All Non-Fixtured Lever Tools	X	X
Straight	Hi-Flex Whip	Lite	20C1034##	01	03	05	07	10	E02 Bottom Exit Pistol Only	E12 Bottom Exit Pistol Only	E23-E35 All non-Fixtured tools	X
90 Degree	Hi-Flex Whip	Heavy Duty	20C1001##	01	03	05	07	10	E02 Bottom Exit Pistol Only	E12 Bottom Exit Pistol Only	E23-E35 All non-Fixtured tools	E43-E55 All non-Fixtured tools
Straight	Hi-Flex Whip	Heavy Duty	20C1000##	01	03	05	07	10	E02 Bottom Exit Pistol Only	E12 Bottom Exit Pistol Only	E23-E35 All non-Fixtured tools	E43-E55 All non-Fixtured tools
90 Degree	Hi-Flex Whip	Heavy Duty	20C1004##	01	03	05	07	10	E02 Top Exit Pistol Only	E12 Top Exit Pistol Only	E23-E35 All fixtured style tools	E43-E55 All fixtured style tools
Straight	Hi-Flex Whip	Heavy Duty	20C1003##	01	03	05	07	10	E02 Top Exit Pistol Only	E12 Top Exit Pistol Only	E23-E35 All fixtured style tools	E43-E55 All fixtured style tools

Please limit the total length of E tool cabling between a controller and an E tool to 30 meters.

Option 1:

Example: Purchase Replacement Cables 20C107305 & 20C107520 to Transition to EB-Series Tools (This option requires all cables between the tool and the cable to be replaced)

— OR —

Option 2: 40% Less Expensive

Example: Purchase Replacement Cable 20C107305 and Adaptor 20C109900, use the existing festooned E-Series Extension Cable 20C1002##. (This option requires ONLY the cable attached to the extension cable to be replaced)

